

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008779.D
 Acq On : 17 May 2022 17:57
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051722

Quant Time: May 18 07:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	148433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74815	54.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.660%			
35) Dibromofluoromethane	7.716	113	72367	50.678	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.360%			
50) Toluene-d8	10.179	98	309929	48.903	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.483	95	110866	49.018	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46008	49.805	ug/l	96
3) Chloromethane	2.107	50	71957	54.569	ug/l	94
4) Vinyl Chloride	2.247	62	108314	54.532	ug/l	97
5) Bromomethane	2.643	94	82950	47.706	ug/l	97
6) Chloroethane	2.790	64	78611	51.361	ug/l	97
7) Trichlorofluoromethane	3.119	101	103776	52.432	ug/l	94
8) Diethyl Ether	3.527	74	30443	46.289	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	63514	52.133	ug/l	95
10) Methyl Iodide	4.088	142	78818	51.254	ug/l	93
11) Tert butyl alcohol	4.954	59	35800	235.234	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	59818	47.494	ug/l	84
13) Acrolein	3.722	56	11817	156.958	ug/l	100
14) Allyl chloride	4.478	41	90152	48.661	ug/l #	91
15) Acrylonitrile	5.161	53	104745	234.866	ug/l	98
16) Acetone	3.942	43	77189	251.418	ug/l	94
17) Carbon Disulfide	4.186	76	164306	50.927	ug/l	98
18) Methyl Acetate	4.472	43	47552	48.477	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	165121	48.677	ug/l	93
20) Methylene Chloride	4.710	84	72501	51.250	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	73135	47.357	ug/l	86
22) Diisopropyl ether	6.112	45	191891	48.909	ug/l #	93
23) Vinyl Acetate	6.057	43	695798	251.523	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	126603	48.630	ug/l	99
25) 2-Butanone	6.984	43	138762	240.122	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	120392	48.655	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	82344	48.074	ug/l	88
28) Bromochloromethane	7.325	49	48997	49.642	ug/l #	85
29) Tetrahydrofuran	7.344	42	90506	235.105	ug/l #	83
30) Chloroform	7.502	83	135322	48.481	ug/l	98
31) Cyclohexane	7.783	56	110124	50.670	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	128194	49.536	ug/l	97
36) 1,1-Dichloropropene	7.917	75	106369	46.509	ug/l	97
37) Ethyl Acetate	7.069	43	59355	43.550	ug/l #	94
38) Carbon Tetrachloride	7.899	117	116198	47.407	ug/l	99
39) Methylcyclohexane	9.179	83	133203	49.111	ug/l	88
40) Benzene	8.155	78	303840	47.479	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008779.D
 Acq On : 17 May 2022 17:57
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051722

Quant Time: May 18 07:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	39453m	55.044	ug/l	
42) 1,2-Dichloroethane	8.234	62	88260	46.984	ug/l	91
43) Isopropyl Acetate	8.270	43	108757	47.935	ug/l #	91
44) Trichloroethene	8.941	130	82644	47.475	ug/l	99
45) 1,2-Dichloropropane	9.215	63	73561	48.367	ug/l	96
46) Dibromomethane	9.307	93	47039	47.068	ug/l	96
47) Bromodichloromethane	9.496	83	108619	49.026	ug/l	98
48) Methyl methacrylate	9.289	41	48231	48.413	ug/l #	82
49) 1,4-Dioxane	9.289	88	13640	908.658	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	323052	241.190	ug/l	89
52) Toluene	10.246	92	215952	49.661	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	116875	50.787	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	122348	49.303	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	66766	49.128	ug/l	98
56) Ethyl methacrylate	10.508	69	85157	51.647	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	108597	48.598	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	214335	254.920	ug/l	93
59) 2-Hexanone	10.831	43	234297	244.820	ug/l	87
60) Dibromochloromethane	10.983	129	80864	49.565	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66950	49.400	ug/l	98
64) Tetrachloroethene	10.715	164	72630	48.655	ug/l	97
65) Chlorobenzene	11.514	112	229467	48.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	84858	49.214	ug/l	96
67) Ethyl Benzene	11.593	91	423514	50.248	ug/l	95
68) m/p-Xylenes	11.703	106	352298	104.920	ug/l	91
69) o-Xylene	12.032	106	162037	52.227	ug/l	90
70) Styrene	12.044	104	283193	53.921	ug/l	93
71) Bromoform	12.209	173	58996	50.402	ug/l #	98
73) Isopropylbenzene	12.331	105	448036	45.854	ug/l	100
74) N-amyl acetate	12.142	43	104890	44.974	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	97095	44.698	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	70666m	42.940	ug/l	
77) Bromobenzene	12.611	156	99376	43.893	ug/l	96
78) n-propylbenzene	12.672	91	555787	46.301	ug/l	99
79) 2-Chlorotoluene	12.757	91	303673	46.707	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	383054	48.555	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	34476	45.821	ug/l #	85
82) 4-Chlorotoluene	12.855	91	334524	48.704	ug/l	97
83) tert-Butylbenzene	13.074	119	345893	48.753	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	383484	49.102	ug/l	97
85) sec-Butylbenzene	13.251	105	539467	48.735	ug/l	100
86) p-Isopropyltoluene	13.367	119	452620	50.147	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	226156	47.540	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	224740	47.762	ug/l	99
89) n-Butylbenzene	13.696	91	420098	49.035	ug/l	99
90) Hexachloroethane	13.958	117	81499	47.759	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	199288	47.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16298	43.881	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	104057	45.805	ug/l	99
94) Hexachlorobutadiene	15.111	225	57896	44.289	ug/l	98
95) Naphthalene	15.239	128	230087	45.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	89476	44.835	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008779.D
 Acq On : 17 May 2022 17:57
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051722

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 07:55:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008779.D
Acq On : 17 May 2022 17:57
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY051722

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 07:55:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
Response via : Initial Calibration

