

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008775.D
 Acq On : 17 May 2022 16:00
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: May 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	204040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20441	14.521	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	29.040%#		
35) Dibromofluoromethane	7.716	113	21042	16.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	33.420%#		
50) Toluene-d8	10.179	98	73250	15.087	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	30.180%#		
62) 4-Bromofluorobenzene	12.483	95	26349	15.294	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	30.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21511	20.792	ug/l	98
3) Chloromethane	2.107	50	32183	22.237	ug/l	100
4) Vinyl Chloride	2.247	62	45985	26.297	ug/l	98
5) Bromomethane	2.631	94	40004	29.665	ug/l	98
6) Chloroethane	2.784	64	36489	31.249	ug/l	98
7) Trichlorofluoromethane	3.119	101	43949	20.268	ug/l	92
8) Diethyl Ether	3.527	74	11735	15.410	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	25852	18.864	ug/l	95
10) Methyl Iodide	4.088	142	27383	19.984	ug/l	94
11) Tert butyl alcohol	4.954	59	14789	106.130	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	23211	18.149	ug/l #	80
13) Acrolein	3.735	56	8972	67.943	ug/l	96
14) Allyl chloride	4.472	41	34290	16.468	ug/l #	90
15) Acrylonitrile	5.155	53	39887	97.637	ug/l	98
16) Acetone	3.942	43	33022	94.297	ug/l	98
17) Carbon Disulfide	4.192	76	69350	19.127	ug/l	99
18) Methyl Acetate	4.472	43	22162	20.458	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	58102	15.079	ug/l	99
20) Methylene Chloride	4.710	84	30785	18.869	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	26916	17.957	ug/l	84
22) Diisopropyl ether	6.118	45	68549	15.530	ug/l #	95
23) Vinyl Acetate	6.058	43	233856	83.500	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	45479	17.360	ug/l	97
25) 2-Butanone	6.984	43	51916	96.238	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	43286	17.871	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	28941	16.987	ug/l	89
28) Bromochloromethane	7.332	49	16812	16.471	ug/l	87
29) Tetrahydrofuran	7.344	42	33955	97.639	ug/l #	88
30) Chloroform	7.502	83	47441	17.428	ug/l	97
31) Cyclohexane	7.783	56	40959	16.304	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	43669	17.757	ug/l	97
36) 1,1-Dichloropropene	7.917	75	37227	19.180	ug/l	98
37) Ethyl Acetate	7.063	43	24073	22.198	ug/l	97
38) Carbon Tetrachloride	7.899	117	39919	19.825	ug/l	96
39) Methylcyclohexane	9.179	83	45554	18.124	ug/l	90
40) Benzene	8.161	78	104552	18.945	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008775.D
 Acq On : 17 May 2022 16:00
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: May 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	11722m	20.208	ug/l	
42) 1,2-Dichloroethane	8.240	62	30804	19.067	ug/l	92
43) Isopropyl Acetate	8.264	43	38224	18.295	ug/l #	93
44) Trichloroethene	8.941	130	28016	18.849	ug/l	96
45) 1,2-Dichloropropane	9.215	63	24472	17.612	ug/l	93
46) Dibromomethane	9.301	93	16440	19.581	ug/l	95
47) Bromodichloromethane	9.496	83	35683	18.225	ug/l	99
48) Methyl methacrylate	9.289	41	15955	17.506	ug/l #	79
49) 1,4-Dioxane	9.295	88	5043	442.831	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	111824	104.177	ug/l	92
52) Toluene	10.246	92	68369	19.074	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	36490	17.684	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	40685	17.560	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	21683	18.407	ug/l	99
56) Ethyl methacrylate	10.508	69	25393	15.991	ug/l	87
57) 1,3-Dichloropropane	10.788	76	36314	18.270	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	67877	91.309	ug/l	94
59) 2-Hexanone	10.831	43	79973	103.867	ug/l	89
60) Dibromochloromethane	10.983	129	24852	18.145	ug/l	100
61) 1,2-Dibromoethane	11.087	107	21404	18.718	ug/l	99
64) Tetrachloroethene	10.721	164	23871	19.333	ug/l	96
65) Chlorobenzene	11.514	112	73786	19.210	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	26285	18.879	ug/l	98
67) Ethyl Benzene	11.593	91	126645	18.235	ug/l	95
68) m/p-Xylenes	11.703	106	101852	37.915	ug/l	92
69) o-Xylene	12.026	106	46264	18.029	ug/l	93
70) Styrene	12.044	104	78013	18.296	ug/l	95
71) Bromoform	12.209	173	16706	19.543	ug/l #	97
73) Isopropylbenzene	12.331	105	127976	17.283	ug/l	98
74) N-amyl acetate	12.142	43	32738	16.369	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	29626	19.632	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	22650m	20.358	ug/l	
77) Bromobenzene	12.611	156	28953	17.864	ug/l	100
78) n-propylbenzene	12.672	91	158762	17.765	ug/l	99
79) 2-Chlorotoluene	12.758	91	85559	17.160	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	103848	17.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9771	18.068	ug/l	92
82) 4-Chlorotoluene	12.855	91	88940	17.309	ug/l	98
83) tert-Butylbenzene	13.075	119	91948	16.974	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	103558	17.144	ug/l	99
85) sec-Butylbenzene	13.257	105	145984	18.035	ug/l	100
86) p-Isopropyltoluene	13.373	119	117393	17.820	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	60855	18.679	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	61896	18.960	ug/l	99
89) n-Butylbenzene	13.696	91	114126	18.031	ug/l	98
90) Hexachloroethane	13.965	117	22885	17.712	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	54972	18.845	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5028	20.438	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	29877	17.624	ug/l	99
94) Hexachlorobutadiene	15.111	225	17120	19.357	ug/l	99
95) Naphthalene	15.239	128	66257	14.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25674	17.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008775.D
Acq On : 17 May 2022 16:00
Operator : KP/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

Quant Time: May 18 02:23:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 02:20:50 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 : VY008775.D
 Acq On : 17 May 2022 16:00
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations APPROVED

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

Quant Time: May 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

