

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008969.D
 Acq On : 22 May 2022 00:19
 Operator : KP/MD
 Sample : VY0521SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS03

Quant Time: May 22 02:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	104037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46418	43.352	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.700%		
35) Dibromofluoromethane	7.710	113	48877	44.623	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.240%		
50) Toluene-d8	10.179	98	154126	38.142	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	76.280%		
62) 4-Bromofluorobenzene	12.477	95	72433	44.436	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20681	21.734	ug/l	98
3) Chloromethane	2.107	50	34633	25.406	ug/l	95
4) Vinyl Chloride	2.247	62	52845	26.166	ug/l	97
5) Bromomethane	2.625	94	55415	27.991	ug/l	93
6) Chloroethane	2.784	64	38509	26.914	ug/l	91
7) Trichlorofluoromethane	3.119	101	40504	23.616	ug/l	97
8) Diethyl Ether	3.521	74	13156	24.531	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	23519	22.312	ug/l	94
10) Methyl Iodide	4.082	142	21700	19.936	ug/l	92
11) Tert butyl alcohol	4.954	59	12999	119.688	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	21921	22.402	ug/l	83
13) Acrolein	3.716	56	5960	166.719	ug/l	92
14) Allyl chloride	4.472	41	32198	21.834	ug/l #	88
15) Acrylonitrile	5.155	53	36126	120.309	ug/l	99
16) Acetone	3.942	43	27439	123.111	ug/l	95
17) Carbon Disulfide	4.186	76	67866	21.229	ug/l	99
18) Methyl Acetate	4.472	43	21657	31.204	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	65723	22.377	ug/l	97
20) Methylene Chloride	4.710	84	28204	17.389	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	25762	20.511	ug/l	83
22) Diisopropyl ether	6.112	45	78447	22.142	ug/l #	97
23) Vinyl Acetate	6.057	43	251047	107.122	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	48442	22.860	ug/l	95
25) 2-Butanone	6.984	43	46581	117.012	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	34134	17.486	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	31057	21.935	ug/l	86
28) Bromochloromethane	7.325	49	17395	23.916	ug/l	93
29) Tetrahydrofuran	7.344	42	31031	114.754	ug/l #	87
30) Chloroform	7.502	83	50274	21.978	ug/l	100
31) Cyclohexane	7.783	56	41245	19.690	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	44025	21.214	ug/l	100
36) 1,1-Dichloropropene	7.911	75	38922	20.880	ug/l	99
37) Ethyl Acetate	7.069	43	21558	22.295	ug/l	97
38) Carbon Tetrachloride	7.899	117	39116	20.060	ug/l	92
39) Methylcyclohexane	9.179	83	46435	19.299	ug/l	90
40) Benzene	8.155	78	113713	21.155	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008969.D
 Acq On : 22 May 2022 00:19
 Operator : KP/MD
 Sample : VY0521SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBS03

Quant Time: May 22 02:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8138m	16.310	ug/l	
42) 1,2-Dichloroethane	8.234	62	34793	22.043	ug/l	91
43) Isopropyl Acetate	8.270	43	39211	21.809	ug/l #	93
44) Trichloroethene	8.935	130	29369	20.635	ug/l	98
45) 1,2-Dichloropropane	9.215	63	27911	21.625	ug/l	99
46) Dibromomethane	9.301	93	18124	22.084	ug/l	93
47) Bromodichloromethane	9.490	83	40149	21.406	ug/l	94
48) Methyl methacrylate	9.289	41	17852	22.236	ug/l #	84
49) 1,4-Dioxane	9.295	88	4878	444.639	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	113991	114.559	ug/l	94
52) Toluene	10.240	92	76321	20.317	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	38876	19.519	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	43201	20.176	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	24153	21.036	ug/l	98
56) Ethyl methacrylate	10.508	69	29741	20.260	ug/l	91
57) 1,3-Dichloropropane	10.788	76	40682	21.721	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	68695	108.168	ug/l	96
59) 2-Hexanone	10.831	43	78529	115.268	ug/l	93
60) Dibromochloromethane	10.983	129	28655	20.588	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23291	20.471	ug/l	99
64) Tetrachloroethene	10.715	164	25274	19.927	ug/l	99
65) Chlorobenzene	11.514	112	80616	20.156	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	28819	19.678	ug/l	94
67) Ethyl Benzene	11.587	91	144123	19.995	ug/l	98
68) m/p-Xylenes	11.703	106	114385	39.092	ug/l	93
69) o-Xylene	12.026	106	53468	19.678	ug/l	91
70) Styrene	12.044	104	90769	19.425	ug/l	94
71) Bromoform	12.203	173	19176	19.752	ug/l #	99
73) Isopropylbenzene	12.325	105	142060	19.965	ug/l	99
74) N-amyl acetate	12.142	43	35867	21.848	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	31830	21.716	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	21113m	20.661	ug/l	
77) Bromobenzene	12.605	156	32776	19.871	ug/l	96
78) n-propylbenzene	12.666	91	177714	21.617	ug/l	99
79) 2-Chlorotoluene	12.751	91	98687	20.811	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	119702	20.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	9421	18.922	ug/l	88
82) 4-Chlorotoluene	12.849	91	103935	20.492	ug/l	97
83) tert-Butylbenzene	13.074	119	107517	20.320	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	121613	20.541	ug/l	97
85) sec-Butylbenzene	13.251	105	164843	20.362	ug/l	99
86) p-Isopropyltoluene	13.367	119	135384	20.054	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	70941	20.162	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	73169	20.699	ug/l	99
89) n-Butylbenzene	13.696	91	129618	20.987	ug/l	98
90) Hexachloroethane	13.958	117	26860	21.231	ug/l	83
91) 1,2-Dichlorobenzene	13.733	146	64916	20.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5009	22.012	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	34694	20.354	ug/l	99
94) Hexachlorobutadiene	15.111	225	19224	20.692	ug/l	99
95) Naphthalene	15.233	128	70316	20.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30270	20.436	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008969.D
 Acq On : 22 May 2022 00:19
 Operator : KP/MD
 Sample : VY0521SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0521SBS03

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 22 02:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 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\VY052122\
Data File : VY008969.D
Acq On : 22 May 2022 00:19
Operator : KP/MD
Sample : VY0521SBS03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBS03

Quant Time: May 22 02:46:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/24/2022
Supervised By : Mahesh Dadoda 05/24/2022

