

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009658.D
 Acq On : 22 Jul 2022 14:35
 Operator : KP/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 23 00:53:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	196362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	289493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	94587	50.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.710	113	96086	52.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.360%	
50) Toluene-d8	10.173	98	362998	51.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.477	95	119779	52.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 105.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	33175	19.254	ug/l	100
3) Chloromethane	2.107	50	47923	18.769	ug/l	98
4) Vinyl Chloride	2.241	62	55712	20.865	ug/l	99
5) Bromomethane	2.625	94	40994	22.683	ug/l	98
6) Chloroethane	2.778	64	34853	21.489	ug/l	98
7) Trichlorofluoromethane	3.107	101	72069	22.778	ug/l	91
8) Diethyl Ether	3.515	74	22405	21.643	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	41079	22.202	ug/l	94
10) Methyl Iodide	4.076	142	47591	19.364	ug/l	# 88
11) Tert butyl alcohol	4.948	59	21958	101.936	ug/l	98
12) 1,1-Dichloroethene	3.851	96	38629	21.392	ug/l	80
13) Acrolein	3.716	56	12029	90.602	ug/l	97
14) Allyl chloride	4.466	41	54608	19.549	ug/l	# 92
15) Acrylonitrile	5.149	53	52242	102.179	ug/l	99
16) Acetone	3.942	43	48049	102.278	ug/l	# 89
17) Carbon Disulfide	4.174	76	112850	20.103	ug/l	98
18) Methyl Acetate	4.466	43	28420	21.551	ug/l	# 89
19) Methyl tert-butyl Ether	5.210	73	98504	20.698	ug/l	98
20) Methylene Chloride	4.698	84	57173	17.951	ug/l	# 83
21) trans-1,2-Dichloroethene	5.204	96	42747	20.915	ug/l	86
22) Diisopropyl ether	6.106	45	118467	19.861	ug/l	94
23) Vinyl Acetate	6.045	43	363713	96.642	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	71380	20.719	ug/l	99
25) 2-Butanone	6.978	43	69631	101.610	ug/l	# 86
26) 2,2-Dichloropropane	6.972	77	67454	21.856	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	47826	21.165	ug/l	86
28) Bromochloromethane	7.326	49	27380	18.549	ug/l	# 81
29) Tetrahydrofuran	7.338	42	45038	100.104	ug/l	# 86
30) Chloroform	7.496	83	75871	21.528	ug/l	100
31) Cyclohexane	7.777	56	63312	19.334	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	68850	21.780	ug/l	96
36) 1,1-Dichloropropene	7.911	75	57529	21.346	ug/l	96
37) Ethyl Acetate	7.063	43	33721	22.481	ug/l	96
38) Carbon Tetrachloride	7.893	117	62745	22.240	ug/l	100
39) Methylcyclohexane	9.179	83	68243	20.536	ug/l	# 87
40) Benzene	8.149	78	169411	21.482	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009658.D
 Acq On : 22 Jul 2022 14:35
 Operator : KP/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 23 00:53:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16212m	22.524	ug/l	
42) 1,2-Dichloroethane	8.228	62	47974	21.686	ug/l	91
43) Isopropyl Acetate	8.264	43	56333	20.496	ug/l #	90
44) Trichloroethene	8.929	130	48317	21.543	ug/l	98
45) 1,2-Dichloropropane	9.209	63	41246	21.318	ug/l	98
46) Dibromomethane	9.301	93	24519	21.820	ug/l	93
47) Bromodichloromethane	9.490	83	57407	21.787	ug/l	100
48) Methyl methacrylate	9.289	41	25003	20.590	ug/l #	84
49) 1,4-Dioxane	9.295	88	6406	427.681	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	152253	106.688	ug/l	91
52) Toluene	10.240	92	109912	22.003	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	57520	21.136	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	65654	21.217	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	35001	22.117	ug/l	97
56) Ethyl methacrylate	10.502	69	41661	20.576	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	56715	21.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	91227	102.290	ug/l	93
59) 2-Hexanone	10.831	43	102640	103.408	ug/l	90
60) Dibromochloromethane	10.977	129	43056	22.484	ug/l	100
61) 1,2-Dibromoethane	11.081	107	33770	21.871	ug/l	99
64) Tetrachloroethene	10.715	164	48612	23.679	ug/l	96
65) Chlorobenzene	11.514	112	118340	22.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45181	22.686	ug/l	98
67) Ethyl Benzene	11.587	91	202962	21.528	ug/l	99
68) m/p-Xylenes	11.697	106	161406	43.017	ug/l	91
69) o-Xylene	12.026	106	75071	21.380	ug/l	89
70) Styrene	12.038	104	126851	21.720	ug/l	94
71) Bromoform	12.203	173	28973	23.052	ug/l #	98
73) Isopropylbenzene	12.325	105	199504	21.341	ug/l	99
74) N-amyl acetate	12.142	43	48378	19.459	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	39902	21.313	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	27798m	21.612	ug/l	
77) Bromobenzene	12.605	156	50978	21.686	ug/l	86
78) n-propylbenzene	12.666	91	239266	21.182	ug/l	97
79) 2-Chlorotoluene	12.751	91	133955	21.389	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	165926	21.480	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13594	20.840	ug/l	88
82) 4-Chlorotoluene	12.849	91	137399	21.147	ug/l	94
83) tert-Butylbenzene	13.075	119	146629	21.366	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	167538	21.687	ug/l	98
85) sec-Butylbenzene	13.251	105	216743	21.301	ug/l	99
86) p-Isopropyltoluene	13.367	119	181582	21.235	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	100327	21.575	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	99056	21.484	ug/l	98
89) n-Butylbenzene	13.696	91	164513	21.066	ug/l	98
90) Hexachloroethane	13.959	117	35473	21.533	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	88694	21.833	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6276	22.035	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	52712	20.673	ug/l	99
94) Hexachlorobutadiene	15.111	225	32538	21.511	ug/l	99
95) Naphthalene	15.233	128	97394	20.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46488	20.756	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009658.D
Acq On : 22 Jul 2022 14:35
Operator : KP/MD
Sample : VY0722SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0722SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/25/2022
Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 23 00:53:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 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\VY072222\
 Data File : VY009658.D
 Acq On : 22 Jul 2022 14:35
 Operator : KP/MD
 Sample : VY07222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY07222SBS01

Quant Time: Jul 23 00:53:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

