

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014714.D
 Acq On : 20 Jul 2023 12:32
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 20 14:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	393299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146801	53.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.860%			
35) Dibromofluoromethane	7.715	113	136345	54.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.920%			
50) Toluene-d8	10.178	98	493770	53.494	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.477	95	186315	52.642	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43868	22.539	ug/l	100
3) Chloromethane	2.113	50	54158	24.754	ug/l	99
4) Vinyl Chloride	2.247	62	60940	24.923	ug/l	98
5) Bromomethane	2.631	94	41853	25.901	ug/l	99
6) Chloroethane	2.783	64	37528	24.571	ug/l	94
7) Trichlorofluoromethane	3.119	101	88691	21.597	ug/l	97
8) Diethyl Ether	3.527	74	31116	20.364	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	51902	20.620	ug/l	95
10) Methyl Iodide	4.088	142	50845	20.522	ug/l	97
11) Tert butyl alcohol	4.942	59	84396	140.335	ug/l #	93
12) 1,1-Dichloroethene	3.862	96	47367	20.135	ug/l	91
13) Acrolein	3.722	56	28498	100.156	ug/l	97
14) Allyl chloride	4.472	41	78931	18.896	ug/l	97
15) Acrylonitrile	5.161	53	89640	106.389	ug/l	98
16) Acetone	3.948	43	77889	90.289	ug/l	95
17) Carbon Disulfide	4.186	76	135666	20.143	ug/l	99
18) Methyl Acetate	4.472	43	71398	21.567	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	156342	20.459	ug/l	97
20) Methylene Chloride	4.710	84	64119	20.378	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	52986	19.847	ug/l	98
22) Diisopropyl ether	6.112	45	165343	19.470	ug/l	98
23) Vinyl Acetate	6.057	43	498113	98.015	ug/l	95
24) 1,1-Dichloroethane	6.015	63	96628	19.886	ug/l	95
25) 2-Butanone	6.984	43	131611	104.281	ug/l	100
26) 2,2-Dichloropropane	6.972	77	89879	19.408	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	62350	20.064	ug/l	97
28) Bromochloromethane	7.331	49	46728	22.329	ug/l	91
29) Tetrahydrofuran	7.350	42	83542	107.501	ug/l	91
30) Chloroform	7.502	83	101087	20.174	ug/l	98
31) Cyclohexane	7.783	56	86980	19.247	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	90172	19.995	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75255	20.099	ug/l	99
37) Ethyl Acetate	7.069	43	54431	21.115	ug/l #	94
38) Carbon Tetrachloride	7.898	117	80457	20.328	ug/l	97
39) Methylcyclohexane	9.179	83	95074	19.491	ug/l	95
40) Benzene	8.161	78	215905	20.276	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014714.D
 Acq On : 20 Jul 2023 12:32
 Operator : SY/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2023
 Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 20 14:09:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27927m	21.062	ug/l	
42) 1,2-Dichloroethane	8.234	62	69825	20.707	ug/l	95
43) Isopropyl Acetate	8.270	43	100484	20.463	ug/l	96
44) Trichloroethene	8.935	130	60646	20.355	ug/l	94
45) 1,2-Dichloropropane	9.215	63	54668	19.661	ug/l	98
46) Dibromomethane	9.307	93	34426	20.409	ug/l	97
47) Bromodichloromethane	9.496	83	80362	20.213	ug/l	97
48) Methyl methacrylate	9.294	41	44335	20.065	ug/l	91
49) 1,4-Dioxane	9.301	88	12322	447.987	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	275356	106.800	ug/l	94
52) Toluene	10.239	92	137455	20.173	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	84971	19.539	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	93126	19.692	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	48765	20.754	ug/l	96
56) Ethyl methacrylate	10.508	69	72437	20.191	ug/l	90
57) 1,3-Dichloropropane	10.788	76	83172	20.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	181544	108.604	ug/l	94
59) 2-Hexanone	10.831	43	199591	106.155	ug/l	91
60) Dibromochloromethane	10.983	129	59648	20.705	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48660	20.759	ug/l	100
64) Tetrachloroethene	10.721	164	59456	21.085	ug/l	91
65) Chlorobenzene	11.514	112	153490	20.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57095	20.268	ug/l	98
67) Ethyl Benzene	11.593	91	267764	19.850	ug/l	99
68) m/p-Xylenes	11.696	106	209946	40.771	ug/l	96
69) o-Xylene	12.026	106	100988	20.135	ug/l	99
70) Styrene	12.044	104	172405	20.395	ug/l	97
71) Bromoform	12.209	173	40077	20.989	ug/l #	99
73) Isopropylbenzene	12.330	105	270645	19.587	ug/l	99
74) N-amyl acetate	12.141	43	90420	19.538	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	64497	20.468	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	47633m	21.372	ug/l	
77) Bromobenzene	12.605	156	62261	19.739	ug/l	94
78) n-propylbenzene	12.672	91	325077	19.523	ug/l	99
79) 2-Chlorotoluene	12.751	91	184318	19.219	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	225403	19.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	21590	18.755	ug/l	97
82) 4-Chlorotoluene	12.855	91	190262	19.263	ug/l	99
83) tert-Butylbenzene	13.074	119	198188	19.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	220897	19.505	ug/l	98
85) sec-Butylbenzene	13.251	105	293487	19.544	ug/l	99
86) p-Isopropyltoluene	13.367	119	245721	20.042	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	123688	20.149	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	124295	20.205	ug/l	98
89) n-Butylbenzene	13.696	91	231700	19.424	ug/l	96
90) Hexachloroethane	13.958	117	48683	19.332	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	114130	20.292	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12267	20.356	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	72307	20.252	ug/l	99
94) Hexachlorobutadiene	15.110	225	39062	19.909	ug/l	98
95) Naphthalene	15.232	128	172877	20.784	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	64814	20.426	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014714.D
Acq On : 20 Jul 2023 12:32
Operator : SY/MD
Sample : VY0720SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

Quant Time: Jul 20 14:09:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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\VY072023\
Data File : VY014714.D
Acq On : 20 Jul 2023 12:32
Operator : SY/MD
Sample : VY0720SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/21/2023
Supervised By : Mahesh Dadoda 07/21/2023

Quant Time: Jul 20 14:09:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

