

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016205.D
 Acq On : 03 Nov 2023 10:44
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	163319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82950	54.278	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.560%			
35) Dibromofluoromethane	7.722	113	79998	51.360	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.720%			
50) Toluene-d8	10.185	98	328476	53.190	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.489	95	109885	52.037	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20208	19.397	ug/l	99
3) Chloromethane	2.119	50	27022	18.734	ug/l	99
4) Vinyl Chloride	2.253	62	29710	19.957	ug/l	94
5) Bromomethane	2.650	94	19848	19.755	ug/l	97
6) Chloroethane	2.796	64	20590	19.645	ug/l	95
7) Trichlorofluoromethane	3.131	101	49114	21.853	ug/l	97
8) Diethyl Ether	3.534	74	16238	21.799	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	30638	21.639	ug/l	95
10) Methyl Iodide	4.101	142	31085	19.744	ug/l	99
11) Tert butyl alcohol	4.960	59	13364	117.042	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	26900	20.815	ug/l	88
13) Acrolein	3.735	56	12773	117.290	ug/l	99
14) Allyl chloride	4.485	41	42164	22.810	ug/l	95
15) Acrylonitrile	5.167	53	36929	116.017	ug/l	96
16) Acetone	3.954	43	27045	99.366	ug/l	93
17) Carbon Disulfide	4.204	76	60478	18.745	ug/l	99
18) Methyl Acetate	4.485	43	27996	22.779	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	82226	22.369	ug/l	97
20) Methylene Chloride	4.722	84	36715	21.909	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	31526	20.943	ug/l	93
22) Diisopropyl ether	6.125	45	101450	22.691	ug/l	90
23) Vinyl Acetate	6.070	43	245409	111.796	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	59569	22.262	ug/l #	98
25) 2-Butanone	6.990	43	45277	107.387	ug/l	92
26) 2,2-Dichloropropane	6.984	77	55135	21.797	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	38235	21.583	ug/l	94
28) Bromochloromethane	7.338	49	21148	21.120	ug/l	90
29) Tetrahydrofuran	7.356	42	29980	113.433	ug/l	89
30) Chloroform	7.508	83	64275	22.063	ug/l	99
31) Cyclohexane	7.789	56	48226	20.528	ug/l	86
32) 1,1,1-Trichloroethane	7.710	97	57617	21.566	ug/l	98
36) 1,1-Dichloropropene	7.923	75	45545	20.250	ug/l	98
37) Ethyl Acetate	7.076	43	22579	22.539	ug/l	96
38) Carbon Tetrachloride	7.911	117	50223	22.539	ug/l	94
39) Methylcyclohexane	9.191	83	54477	20.292	ug/l	92
40) Benzene	8.167	78	135701	21.016	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016205.D
 Acq On : 03 Nov 2023 10:44
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13085	22.503	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	38927	21.603	ug/l	93
43) Isopropyl Acetate	8.277	43	44870	22.644	ug/l	94
44) Trichloroethene	8.947	130	39270	20.782	ug/l	96
45) 1,2-Dichloropropane	9.222	63	34178	22.003	ug/l	94
46) Dibromomethane	9.313	93	19047	21.616	ug/l	97
47) Bromodichloromethane	9.502	83	49538	22.127	ug/l	99
48) Methyl methacrylate	9.295	41	19779	21.951	ug/l	90
49) 1,4-Dioxane	9.307	88	3983	298.531	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	113259	114.551	ug/l	93
52) Toluene	10.252	92	89041	21.281	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	49343	22.078	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	56440	21.521	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	27305	22.030	ug/l	96
56) Ethyl methacrylate	10.514	69	34983	21.733	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	46244	21.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	86460	110.768	ug/l	94
59) 2-Hexanone	10.837	43	77918	115.003	ug/l	89
60) Dibromochloromethane	10.990	129	33822	21.751	ug/l	97
61) 1,2-Dibromoethane	11.093	107	25790	21.875	ug/l	98
64) Tetrachloroethene	10.727	164	39204	19.306	ug/l	95
65) Chlorobenzene	11.520	112	95767	21.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36725	21.861	ug/l	98
67) Ethyl Benzene	11.599	91	171370	21.124	ug/l	98
68) m/p-Xylenes	11.709	106	131648	41.996	ug/l	94
69) o-Xylene	12.038	106	63232	21.126	ug/l	95
70) Styrene	12.050	104	102776	20.656	ug/l	97
71) Bromoform	12.215	173	20199	21.674	ug/l #	100
73) Isopropylbenzene	12.337	105	166886	20.659	ug/l	99
74) N-amyl acetate	12.148	43	37524	21.376	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	28929	22.505	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	22374m	22.062	ug/l	
77) Bromobenzene	12.617	156	39072	21.361	ug/l	95
78) n-propylbenzene	12.678	91	200475	20.991	ug/l	99
79) 2-Chlorotoluene	12.764	91	112558	21.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	136709	20.889	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9735	20.814	ug/l	94
82) 4-Chlorotoluene	12.861	91	115966	21.201	ug/l	99
83) tert-Butylbenzene	13.081	119	123995	21.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	135507	20.925	ug/l	99
85) sec-Butylbenzene	13.257	105	181255	21.089	ug/l	99
86) p-Isopropyltoluene	13.373	119	151200	21.226	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	76367	21.110	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	75876	21.221	ug/l	99
89) n-Butylbenzene	13.703	91	138989	21.235	ug/l	96
90) Hexachloroethane	13.965	117	27535	22.431	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	66988	21.432	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4882	21.222	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	40391	20.937	ug/l	99
94) Hexachlorobutadiene	15.117	225	23041	21.856	ug/l	98
95) Naphthalene	15.239	128	74691	19.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34362	20.851	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016205.D
Acq On : 03 Nov 2023 10:44
Operator : SY/MD
Sample : VY1103SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1103SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:59:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

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

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

Manual Integrations

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:59:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

