

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013242.D
 Acq On : 11 Apr 2023 15:03
 Operator : KP/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 15:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 15:18:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53303	48.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.980%			
35) Dibromofluoromethane	7.716	113	46032	50.734	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.460%			
50) Toluene-d8	10.179	98	163457	51.456	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.477	95	56762	50.039	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16685	24.684	ug/l	98
3) Chloromethane	2.113	50	24567	31.393	ug/l	96
4) Vinyl Chloride	2.253	62	21793	26.293	ug/l	97
5) Bromomethane	2.650	94	17485	29.711	ug/l	87
6) Chloroethane	2.790	64	15207	25.089	ug/l	100
7) Trichlorofluoromethane	3.125	101	33385	24.877	ug/l	97
8) Diethyl Ether	3.528	74	12167	23.889	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	18856	23.042	ug/l	97
10) Methyl Iodide	4.088	142	24359	24.698	ug/l	97
11) Tert butyl alcohol	4.930	59	27278	144.731	ug/l #	77
12) 1,1-Dichloroethene	3.869	96	18126	25.426	ug/l	93
13) Acrolein	3.729	56	15445	144.475	ug/l	99
14) Allyl chloride	4.479	41	36551	24.129	ug/l	94
15) Acrylonitrile	5.161	53	36800	105.103	ug/l	99
16) Acetone	3.948	43	41730	94.241	ug/l	99
17) Carbon Disulfide	4.192	76	61753	39.304	ug/l	99
18) Methyl Acetate	4.479	43	28689	21.822	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	59143	21.781	ug/l	99
20) Methylene Chloride	4.710	84	34761	29.626	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	21774	26.036	ug/l	98
22) Diisopropyl ether	6.112	45	76310	22.747	ug/l #	89
23) Vinyl Acetate	6.058	43	240823	114.352	ug/l	97
24) 1,1-Dichloroethane	6.009	63	39720	22.938	ug/l	98
25) 2-Butanone	6.990	43	56276	98.335	ug/l	97
26) 2,2-Dichloropropane	6.978	77	35433	21.671	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	23635	23.424	ug/l	93
28) Bromochloromethane	7.332	49	16760	20.501	ug/l	94
29) Tetrahydrofuran	7.350	42	35600	106.673	ug/l	95
30) Chloroform	7.502	83	40442	22.382	ug/l	98
31) Cyclohexane	7.783	56	36056	26.064	ug/l #	87
32) 1,1,1-Trichloroethane	7.698	97	36370	22.972	ug/l	98
36) 1,1-Dichloropropene	7.917	75	30729	24.626	ug/l	99
37) Ethyl Acetate	7.076	43	26447	22.897	ug/l #	94
38) Carbon Tetrachloride	7.899	117	33245	22.882	ug/l	97
39) Methylcyclohexane	9.185	83	35065	26.741	ug/l	95
40) Benzene	8.155	78	89929	24.465	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013242.D
 Acq On : 11 Apr 2023 15:03
 Operator : KP/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 15:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 15:18:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9950	17.139	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	30886	22.872	ug/l	96
43) Isopropyl Acetate	8.271	43	43355	21.487	ug/l	97
44) Trichloroethene	8.935	130	22910	23.880	ug/l	94
45) 1,2-Dichloropropane	9.216	63	22767	22.744	ug/l	97
46) Dibromomethane	9.301	93	14416	23.661	ug/l	96
47) Bromodichloromethane	9.496	83	32246	21.918	ug/l	96
48) Methyl methacrylate	9.295	41	20283	22.892	ug/l	96
49) 1,4-Dioxane	9.307	88	3444	397.379	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	122398	106.972	ug/l	97
52) Toluene	10.246	92	56228	24.395	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	34337	22.274	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	37235	22.523	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	19098	22.163	ug/l	97
56) Ethyl methacrylate	10.508	69	25947	21.551	ug/l	91
57) 1,3-Dichloropropane	10.788	76	32552	22.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	57325	104.976	ug/l	97
59) 2-Hexanone	10.831	43	89982	106.637	ug/l	95
60) Dibromochloromethane	10.984	129	23350	21.776	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18883	22.956	ug/l	98
64) Tetrachloroethene	10.721	164	20284	23.798	ug/l	98
65) Chlorobenzene	11.514	112	59877	22.759	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	22289	21.302	ug/l	99
67) Ethyl Benzene	11.593	91	105230	23.043	ug/l	99
68) m/p-Xylenes	11.703	106	82314	47.372	ug/l	99
69) o-Xylene	12.026	106	38451	23.280	ug/l	97
70) Styrene	12.044	104	64438	22.878	ug/l	98
71) Bromoform	12.203	173	15648	20.839	ug/l #	99
73) Isopropylbenzene	12.331	105	98016	22.081	ug/l	100
74) N-amyl acetate	12.142	43	37168	21.890	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	24979	21.051	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	19097m	22.187	ug/l	
77) Bromobenzene	12.611	156	24749	21.913	ug/l	98
78) n-propylbenzene	12.672	91	125163	22.906	ug/l	99
79) 2-Chlorotoluene	12.758	91	69820	22.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	84296	22.960	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9088	21.774	ug/l	95
82) 4-Chlorotoluene	12.855	91	73940	22.758	ug/l	98
83) tert-Butylbenzene	13.075	119	72915	22.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	83555	22.890	ug/l	98
85) sec-Butylbenzene	13.251	105	108954	22.587	ug/l	98
86) p-Isopropyltoluene	13.367	119	91651	22.667	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	48703	22.021	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	50052	22.193	ug/l	98
89) n-Butylbenzene	13.696	91	85799	22.638	ug/l	99
90) Hexachloroethane	13.959	117	17895	20.875	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	43691	21.441	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4428	19.583	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	26841	21.347	ug/l	99
94) Hexachlorobutadiene	15.111	225	15285	20.587	ug/l	100
95) Naphthalene	15.233	128	57905	20.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24284	20.691	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013242.D
Acq On : 11 Apr 2023 15:03
Operator : KP/MD
Sample : VY0411SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 15:23:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 15:18:00 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\VY041123\
 Data File : VY013242.D
 Acq On : 11 Apr 2023 15:03
 Operator : KP/MD
 Sample : VY0411SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 12 15:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 15:18:00 2023
 Response via : Initial Calibration

