

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016124.D
 Acq On : 30 Oct 2023 11:05
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 01:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	304322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	108406	51.362	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.720%			
35) Dibromofluoromethane	7.716	113	108369	49.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.920%			
50) Toluene-d8	10.179	98	402447	50.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.483	95	137739	49.980	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26906	18.367	ug/l	97
3) Chloromethane	2.113	50	34942	19.466	ug/l	100
4) Vinyl Chloride	2.253	62	40004	19.508	ug/l	99
5) Bromomethane	2.643	94	30393	19.940	ug/l	99
6) Chloroethane	2.790	64	28484	20.278	ug/l	96
7) Trichlorofluoromethane	3.119	101	65704	20.021	ug/l	98
8) Diethyl Ether	3.527	74	22844	20.769	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	39495	19.950	ug/l	95
10) Methyl Iodide	4.088	142	48582	19.206	ug/l	98
11) Tert butyl alcohol	4.948	59	28002	102.101	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	36023	19.861	ug/l	89
13) Acrolein	3.729	56	24622	93.662	ug/l	100
14) Allyl chloride	4.472	41	56325	19.865	ug/l #	96
15) Acrylonitrile	5.155	53	55892	103.582	ug/l	99
16) Acetone	3.948	43	55514	97.038	ug/l #	88
17) Carbon Disulfide	4.192	76	95181	18.971	ug/l	99
18) Methyl Acetate	4.478	43	40454	20.000	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	110876	21.436	ug/l	99
20) Methylene Chloride	4.716	84	48332	17.962	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	42735	20.326	ug/l	91
22) Diisopropyl ether	6.118	45	129001	20.807	ug/l	91
23) Vinyl Acetate	6.057	43	349169	105.114	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	76730	20.542	ug/l	97
25) 2-Butanone	6.984	43	81299	105.294	ug/l	98
26) 2,2-Dichloropropane	6.984	77	72898	20.994	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	50785	20.568	ug/l	94
28) Bromochloromethane	7.332	49	30345	19.858	ug/l	90
29) Tetrahydrofuran	7.350	42	46293	104.497	ug/l	88
30) Chloroform	7.508	83	82799	20.984	ug/l	100
31) Cyclohexane	7.783	56	64563	19.444	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	73500	20.767	ug/l	98
36) 1,1-Dichloropropene	7.917	75	60028	19.855	ug/l	98
37) Ethyl Acetate	7.069	43	32209	20.785	ug/l #	95
38) Carbon Tetrachloride	7.899	117	66330	20.747	ug/l	99
39) Methylcyclohexane	9.185	83	73268	19.893	ug/l	94
40) Benzene	8.161	78	177135	20.694	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016124.D
 Acq On : 30 Oct 2023 11:05
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Quant Time: Oct 31 01:26:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16708	20.602	ug/l	93
42) 1,2-Dichloroethane	8.234	62	53122	21.478	ug/l	94
43) Isopropyl Acetate	8.270	43	60763	20.972	ug/l #	91
44) Trichloroethene	8.941	130	49325	20.637	ug/l	99
45) 1,2-Dichloropropane	9.215	63	44019	20.319	ug/l	95
46) Dibromomethane	9.307	93	26977	21.238	ug/l	96
47) Bromodichloromethane	9.496	83	64673	21.052	ug/l	95
48) Methyl methacrylate	9.295	41	28440	21.306	ug/l	88
49) 1,4-Dioxane	9.295	88	7122	448.136	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	162510	106.296	ug/l	91
52) Toluene	10.246	92	114210	20.779	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	66024	21.017	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	74521	20.977	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	37554	20.808	ug/l	92
56) Ethyl methacrylate	10.508	69	49062	21.152	ug/l	87
57) 1,3-Dichloropropane	10.788	76	63960	21.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	120730	104.556	ug/l	93
59) 2-Hexanone	10.831	43	119827	106.399	ug/l	90
60) Dibromochloromethane	10.983	129	45964	20.797	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35390	20.478	ug/l	100
64) Tetrachloroethene	10.721	164	41430	20.572	ug/l	97
65) Chlorobenzene	11.514	112	124063	20.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	47532	21.282	ug/l	99
67) Ethyl Benzene	11.593	91	220022	20.713	ug/l	99
68) m/p-Xylenes	11.703	106	171009	41.600	ug/l	95
69) o-Xylene	12.032	106	83071	21.108	ug/l	96
70) Styrene	12.044	104	138698	21.143	ug/l	96
71) Bromoform	12.209	173	29103	21.392	ug/l #	100
73) Isopropylbenzene	12.331	105	219385	20.922	ug/l	100
74) N-amyl acetate	12.142	43	54273	21.227	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	44984	20.986	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	34488m	22.671	ug/l	
77) Bromobenzene	12.611	156	51132	20.894	ug/l	97
78) n-propylbenzene	12.672	91	262848	20.702	ug/l	99
79) 2-Chlorotoluene	12.757	91	147464	20.738	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	181811	20.883	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	14437	20.624	ug/l	96
82) 4-Chlorotoluene	12.855	91	153353	20.796	ug/l	100
83) tert-Butylbenzene	13.074	119	162007	20.935	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	180199	20.958	ug/l	97
85) sec-Butylbenzene	13.251	105	242159	21.010	ug/l	99
86) p-Isopropyltoluene	13.373	119	200511	20.848	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	103319	20.908	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	102857	21.061	ug/l	99
89) n-Butylbenzene	13.696	91	186519	20.790	ug/l	96
90) Hexachloroethane	13.964	117	38431	20.525	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	92182	21.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7222	21.461	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	56558	20.895	ug/l	96
94) Hexachlorobutadiene	15.111	225	32534	20.709	ug/l	99
95) Naphthalene	15.239	128	117381	22.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49152	21.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
Data File : VY016124.D
Acq On : 30 Oct 2023 11:05
Operator : SY/MD
Sample : VY1030SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/31/2023
Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 01:26:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

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

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

