

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011436.D
 Acq On : 14 Nov 2022 13:54
 Operator : KP/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	414531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	378347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110534	49.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.716	113	116953	50.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.680%		
50) Toluene-d8	10.179	98	429702	48.417	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.840%		
62) 4-Bromofluorobenzene	12.483	95	163562	52.838	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44391	25.853	ug/l	99
3) Chloromethane	2.113	50	43484	20.491	ug/l	95
4) Vinyl Chloride	2.253	62	52379	20.939	ug/l	98
5) Bromomethane	2.644	94	38591	21.304	ug/l	95
6) Chloroethane	2.790	64	34904	21.013	ug/l	98
7) Trichlorofluoromethane	3.125	101	85233	21.595	ug/l	92
8) Diethyl Ether	3.527	74	29422	21.228	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	49849	20.832	ug/l	95
10) Methyl Iodide	4.094	142	59070	18.509	ug/l	92
11) Tert butyl alcohol	4.948	59	38805	127.832	ug/l	96
12) 1,1-Dichloroethene	3.869	96	46977	19.828	ug/l #	81
13) Acrolein	3.729	56	12506	181.238	ug/l	98
14) Allyl chloride	4.479	41	63274	19.790	ug/l #	81
15) Acrylonitrile	5.161	53	71930	108.613	ug/l	96
16) Acetone	3.948	43	66036	113.102	ug/l #	83
17) Carbon Disulfide	4.198	76	132564	18.785	ug/l	99
18) Methyl Acetate	4.479	43	37724	22.681	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	130034	20.985	ug/l	94
20) Methylene Chloride	4.716	84	81754	21.486	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	54500	20.175	ug/l #	82
22) Diisopropyl ether	6.119	45	143221	20.989	ug/l #	89
23) Vinyl Acetate	6.058	43	415874	104.177	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	92288	20.769	ug/l	99
25) 2-Butanone	6.990	43	93008	111.832	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	85700	20.623	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	62095	20.425	ug/l	84
28) Bromochloromethane	7.338	49	32069	19.873	ug/l #	70
29) Tetrahydrofuran	7.350	42	54508	108.197	ug/l #	75
30) Chloroform	7.508	83	99721	21.219	ug/l	100
31) Cyclohexane	7.789	56	76452	19.229	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	88765	20.883	ug/l	93
36) 1,1-Dichloropropene	7.917	75	72110	19.999	ug/l	96
37) Ethyl Acetate	7.076	43	36793	21.243	ug/l #	88
38) Carbon Tetrachloride	7.905	117	82672	21.079	ug/l	98
39) Methylcyclohexane	9.185	83	87265	19.807	ug/l	89
40) Benzene	8.161	78	223005	20.711	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011436.D
 Acq On : 14 Nov 2022 13:54
 Operator : KP/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	17844m	19.896	ug/l	
42) 1,2-Dichloroethane	8.240	62	60288	21.366	ug/l	88
43) Isopropyl Acetate	8.277	43	66064	21.143	ug/l #	83
44) Trichloroethene	8.941	130	61978	20.491	ug/l	98
45) 1,2-Dichloropropane	9.216	63	53880	21.026	ug/l	98
46) Dibromomethane	9.307	93	32329	21.668	ug/l	99
47) Bromodichloromethane	9.496	83	75760	21.193	ug/l	98
48) Methyl methacrylate	9.295	41	28295	20.151	ug/l #	69
49) 1,4-Dioxane	9.301	88	8881	436.004	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	186183	110.807	ug/l #	83
52) Toluene	10.246	92	143496	20.870	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	78227	21.223	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	88359	20.770	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	47535	22.001	ug/l	97
56) Ethyl methacrylate	10.508	69	59667	21.475	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	77645	21.542	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	143691	111.881	ug/l	91
59) 2-Hexanone	10.831	43	134781	113.231	ug/l	79
60) Dibromochloromethane	10.983	129	57703	21.636	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44373	21.360	ug/l	100
64) Tetrachloroethene	10.721	164	62702	20.733	ug/l	99
65) Chlorobenzene	11.520	112	157635	20.816	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58864	20.777	ug/l	97
67) Ethyl Benzene	11.593	91	267332	20.203	ug/l	96
68) m/p-Xylenes	11.703	106	215286	41.500	ug/l	93
69) o-Xylene	12.032	106	100057	20.450	ug/l	92
70) Styrene	12.044	104	171282	20.825	ug/l	95
71) Bromoform	12.209	173	37801	21.525	ug/l #	99
73) Isopropylbenzene	12.331	105	269441	19.860	ug/l	100
74) N-amyl acetate	12.142	43	58102	20.356	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	54822	21.031	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	44020m	19.374	ug/l	
77) Bromobenzene	12.611	156	64842	19.986	ug/l	94
78) n-propylbenzene	12.672	91	323105	19.959	ug/l	97
79) 2-Chlorotoluene	12.758	91	184310	19.908	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	231124	20.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19521	20.651	ug/l #	79
82) 4-Chlorotoluene	12.855	91	191996	19.977	ug/l	98
83) tert-Butylbenzene	13.075	119	194364	19.646	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	230027	20.479	ug/l	98
85) sec-Butylbenzene	13.257	105	296699	20.373	ug/l	99
86) p-Isopropyltoluene	13.367	119	252853	20.713	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	130588	20.163	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	130767	20.418	ug/l	99
89) n-Butylbenzene	13.696	91	224970	20.510	ug/l	98
90) Hexachloroethane	13.965	117	48193	20.178	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	118732	20.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9188	21.633	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	69550	20.535	ug/l	98
94) Hexachlorobutadiene	15.111	225	43945	21.963	ug/l	99
95) Naphthalene	15.239	128	136602	20.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60986	20.852	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011436.D
 Acq On : 14 Nov 2022 13:54
 Operator : KP/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY1114SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 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\VY111422\
 Data File : VY011436.D
 Acq On : 14 Nov 2022 13:54
 Operator : KP/MD
 Sample : VY1114SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:49:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

