

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011453.D
 Acq On : 15 Nov 2022 13:20
 Operator : KP/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

Quant Time: Nov 15 15:01:32 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	7.795	168	272819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	425378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	383716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103915	45.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.900%		
35) Dibromofluoromethane	7.722	113	114295	47.944	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.880%		
50) Toluene-d8	10.185	98	411445	45.178	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.360%		
62) 4-Bromofluorobenzene	12.483	95	154020	48.487	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43082	23.957	ug/l	100
3) Chloromethane	2.119	50	42887	19.559	ug/l	96
4) Vinyl Chloride	2.253	62	51477	19.916	ug/l	100
5) Bromomethane	2.643	94	37223	19.888	ug/l	97
6) Chloroethane	2.789	64	34419	20.054	ug/l	99
7) Trichlorofluoromethane	3.131	101	82209	20.158	ug/l	92
8) Diethyl Ether	3.533	74	27181	18.980	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	48877	19.769	ug/l	95
10) Methyl Iodide	4.094	142	59760	18.123	ug/l	91
11) Tert butyl alcohol	4.948	59	38106	119.777	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	46546	19.014	ug/l #	77
13) Acrolein	3.728	56	10847	143.977	ug/l	99
14) Allyl chloride	4.478	41	60097	18.192	ug/l #	82
15) Acrylonitrile	5.161	53	66837	97.677	ug/l	95
16) Acetone	3.948	43	58366	96.750	ug/l #	80
17) Carbon Disulfide	4.198	76	128054	17.562	ug/l	100
18) Methyl Acetate	4.478	43	34629	20.022	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	122217	19.090	ug/l	94
20) Methylene Chloride	4.716	84	95495	25.441	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	52437	18.787	ug/l #	82
22) Diisopropyl ether	6.124	45	134017	19.008	ug/l #	89
23) Vinyl Acetate	6.063	43	385911	93.561	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	88101	19.189	ug/l	98
25) 2-Butanone	6.990	43	82359	95.843	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	83600	19.470	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	60959	19.406	ug/l	83
28) Bromochloromethane	7.337	49	30885	18.523	ug/l #	64
29) Tetrahydrofuran	7.350	42	49585	95.259	ug/l #	76
30) Chloroform	7.508	83	94869	19.537	ug/l	98
31) Cyclohexane	7.789	56	74760	18.199	ug/l #	78
32) 1,1,1-Trichloroethane	7.703	97	85982	19.578	ug/l #	93
36) 1,1-Dichloropropene	7.923	75	71650	19.365	ug/l	97
37) Ethyl Acetate	7.075	43	34528	19.427	ug/l #	89
38) Carbon Tetrachloride	7.898	117	80215	19.931	ug/l	98
39) Methylcyclohexane	9.185	83	85441	18.899	ug/l	89
40) Benzene	8.160	78	214730	19.434	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011453.D
 Acq On : 15 Nov 2022 13:20
 Operator : KP/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

Quant Time: Nov 15 15:01:32 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	7.319	41	18419m	20.013	ug/l	
42) 1,2-Dichloroethane	8.240	62	56442	19.493	ug/l	89
43) Isopropyl Acetate	8.276	43	59709	18.622	ug/l #	82
44) Trichloroethene	8.941	130	60412	19.464	ug/l	100
45) 1,2-Dichloropropane	9.215	63	50778	19.310	ug/l	99
46) Dibromomethane	9.307	93	30150	19.692	ug/l	97
47) Bromodichloromethane	9.502	83	72128	19.663	ug/l	98
48) Methyl methacrylate	9.294	41	27660	19.196	ug/l #	73
49) 1,4-Dioxane	9.301	88	8106	387.808	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	165759	96.136	ug/l #	82
52) Toluene	10.245	92	138341	19.607	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	73497	19.431	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	83918	19.223	ug/l #	80
55) 1,1,2-Trichloroethane	10.648	97	43947	19.821	ug/l	97
56) Ethyl methacrylate	10.508	69	54299	19.045	ug/l #	69
57) 1,3-Dichloropropane	10.794	76	73834	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	127569	96.795	ug/l	90
59) 2-Hexanone	10.837	43	118655	97.142	ug/l	79
60) Dibromochloromethane	10.989	129	54414	19.883	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42200	19.796	ug/l	100
64) Tetrachloroethene	10.721	164	60027	19.571	ug/l	97
65) Chlorobenzene	11.520	112	150365	19.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57276	19.933	ug/l	98
67) Ethyl Benzene	11.593	91	259538	19.340	ug/l	97
68) m/p-Xylenes	11.703	106	207690	39.476	ug/l	93
69) o-Xylene	12.032	106	97640	19.677	ug/l	91
70) Styrene	12.044	104	164459	19.715	ug/l	95
71) Bromoform	12.209	173	36229	20.342	ug/l #	98
73) Isopropylbenzene	12.330	105	261242	19.339	ug/l	100
74) N-amyl acetate	12.141	43	50858	17.895	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.580	83	51579	19.873	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	41393m	18.297	ug/l	
77) Bromobenzene	12.611	156	63350	19.611	ug/l	92
78) n-propylbenzene	12.672	91	314200	19.494	ug/l	97
79) 2-Chlorotoluene	12.757	91	178546	19.369	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	225713	19.811	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17609	18.710	ug/l #	81
82) 4-Chlorotoluene	12.855	91	184218	19.251	ug/l	97
83) tert-Butylbenzene	13.074	119	190109	19.299	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	220963	19.758	ug/l	98
85) sec-Butylbenzene	13.251	105	285136	19.664	ug/l	99
86) p-Isopropyltoluene	13.367	119	242332	19.938	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	127069	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125492	19.679	ug/l	99
89) n-Butylbenzene	13.696	91	216177	19.794	ug/l	99
90) Hexachloroethane	13.958	117	46768	19.666	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	114196	19.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8062	19.065	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	65894	19.541	ug/l	98
94) Hexachlorobutadiene	15.110	225	41670	20.916	ug/l	100
95) Naphthalene	15.238	128	124370	18.993	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	57510	19.749	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
Data File : VY011453.D
Acq On : 15 Nov 2022 13:20
Operator : KP/MD
Sample : VY1115SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

Quant Time: Nov 15 15:01:32 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

