

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014377.D
 Acq On : 22 Jun 2023 14:27
 Operator : KP/MD
 Sample : VY0622SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	208759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128323	44.143	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.280%		
35) Dibromofluoromethane	7.728	113	108424	49.592	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.180%		
50) Toluene-d8	10.185	98	362338	44.330	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.660%		
62) 4-Bromofluorobenzene	12.483	95	151912	52.319	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46312	19.906	ug/l	96
3) Chloromethane	2.119	50	43063	14.597	ug/l	97
4) Vinyl Chloride	2.253	62	46364	16.165	ug/l	100
5) Bromomethane	2.643	94	41230	17.423	ug/l	97
6) Chloroethane	2.796	64	31815	16.324	ug/l	98
7) Trichlorofluoromethane	3.125	101	93676	20.104	ug/l	98
8) Diethyl Ether	3.540	74	28786	18.502	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	46289	19.684	ug/l	96
10) Methyl Iodide	4.101	142	40651	13.091	ug/l	96
11) Tert butyl alcohol	4.948	59	67036	194.657	ug/l #	89
12) 1,1-Dichloroethene	3.881	96	43332	18.180	ug/l	96
13) Acrolein	3.735	56	17916	113.567	ug/l	95
14) Allyl chloride	4.485	41	72800	16.850	ug/l	96
15) Acrylonitrile	5.167	53	88165	109.861	ug/l	99
16) Acetone	3.954	43	94815	108.204	ug/l	100
17) Carbon Disulfide	4.204	76	111530	14.440	ug/l	99
18) Methyl Acetate	4.491	43	71916	21.144	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	141199	20.085	ug/l	97
20) Methylene Chloride	4.728	84	77097	25.826	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	47256	17.775	ug/l	97
22) Diisopropyl ether	6.131	45	152614	18.449	ug/l	97
23) Vinyl Acetate	6.070	43	456867	93.603	ug/l	99
24) 1,1-Dichloroethane	6.027	63	88366	18.527	ug/l	96
25) 2-Butanone	6.996	43	127982	118.651	ug/l	100
26) 2,2-Dichloropropane	6.990	77	92225	20.587	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	55949	18.813	ug/l	99
28) Bromochloromethane	7.344	49	37394	19.279	ug/l	92
29) Tetrahydrofuran	7.356	42	77526	113.346	ug/l	94
30) Chloroform	7.515	83	98302	19.427	ug/l	98
31) Cyclohexane	7.795	56	69846	17.936	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	92420	20.251	ug/l	99
36) 1,1-Dichloropropene	7.929	75	67643	19.845	ug/l	99
37) Ethyl Acetate	7.088	43	52913	22.499	ug/l	97
38) Carbon Tetrachloride	7.911	117	86563	22.008	ug/l	97
39) Methylcyclohexane	9.191	83	73568	19.453	ug/l	98
40) Benzene	8.167	78	196716	19.409	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014377.D
 Acq On : 22 Jun 2023 14:27
 Operator : KP/MD
 Sample : VY0622SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27871	23.221	ug/l #	84
42) 1,2-Dichloroethane	8.246	62	74615	20.818	ug/l	100
43) Isopropyl Acetate	8.283	43	89508	21.715	ug/l	98
44) Trichloroethene	8.947	130	54624	20.172	ug/l	98
45) 1,2-Dichloropropane	9.222	63	48443	18.817	ug/l	97
46) Dibromomethane	9.313	93	31859	20.104	ug/l	95
47) Bromodichloromethane	9.502	83	76844	20.710	ug/l	99
48) Methyl methacrylate	9.301	41	40237	20.929	ug/l	96
49) 1,4-Dioxane	9.307	88	10534	523.144	ug/l #	62
51) 4-Methyl-2-Pentanone	10.075	43	262424	117.184	ug/l	98
52) Toluene	10.252	92	126117	20.073	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	80251	20.545	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	83106	19.500	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	44464	21.154	ug/l	95
56) Ethyl methacrylate	10.514	69	61921	21.358	ug/l	96
57) 1,3-Dichloropropane	10.794	76	75516	21.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	80315	83.519	ug/l	95
59) 2-Hexanone	10.837	43	196709	121.618	ug/l	99
60) Dibromochloromethane	10.990	129	58547	21.763	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44012	21.217	ug/l	99
64) Tetrachloroethene	10.727	164	60307	24.070	ug/l	97
65) Chlorobenzene	11.520	112	141767	20.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57978	20.870	ug/l	100
67) Ethyl Benzene	11.599	91	250690	20.277	ug/l	96
68) m/p-Xylenes	11.709	106	197738	41.583	ug/l	97
69) o-Xylene	12.032	106	92834	20.649	ug/l	99
70) Styrene	12.050	104	159180	20.745	ug/l	100
71) Bromoform	12.215	173	44429	23.352	ug/l #	99
73) Isopropylbenzene	12.337	105	252117	19.160	ug/l	99
74) N-amyl acetate	12.148	43	82161	19.704	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	56270	19.138	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	46587m	20.586	ug/l	
77) Bromobenzene	12.611	156	64817	18.742	ug/l	97
78) n-propylbenzene	12.678	91	307655	19.142	ug/l	99
79) 2-Chlorotoluene	12.764	91	176264	19.060	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	217670	19.319	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21351	20.394	ug/l	97
82) 4-Chlorotoluene	12.861	91	185393	18.918	ug/l	98
83) tert-Butylbenzene	13.081	119	190080	19.853	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	217816	19.530	ug/l	100
85) sec-Butylbenzene	13.257	105	281020	20.188	ug/l	100
86) p-Isopropyltoluene	13.373	119	241282	20.253	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	128320	19.433	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	128993	19.389	ug/l	99
89) n-Butylbenzene	13.702	91	221750	20.068	ug/l	99
90) Hexachloroethane	13.965	117	47083	19.833	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	117984	19.894	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12373	22.098	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	75499	20.096	ug/l	99
94) Hexachlorobutadiene	15.117	225	48085	22.169	ug/l	97
95) Naphthalene	15.239	128	161625	21.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68477	20.171	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
Data File : VY014377.D
Acq On : 22 Jun 2023 14:27
Operator : KP/MD
Sample : VY0622SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:19:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 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\VY062223\
 Data File : VY014377.D
 Acq On : 22 Jun 2023 14:27
 Operator : KP/MD
 Sample : VY06222SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY06222SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 22 17:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

