

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014113.D
 Acq On : 12 Jun 2023 12:24
 Operator : KP/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 05:39:45 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	7.783	168	209777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	291365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	158781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133297	45.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.260%		
35) Dibromofluoromethane	7.710	113	112884	50.693	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.380%		
50) Toluene-d8	10.173	98	396789	47.661	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.320%		
62) 4-Bromofluorobenzene	12.477	95	149536	50.564	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	53772	23.000	ug/l	98
3) Chloromethane	2.107	50	59959	20.226	ug/l	99
4) Vinyl Chloride	2.247	62	60580	21.019	ug/l	99
5) Bromomethane	2.650	94	49915	20.990	ug/l	94
6) Chloroethane	2.790	64	40243	20.548	ug/l	100
7) Trichlorofluoromethane	3.119	101	103402	22.084	ug/l	95
8) Diethyl Ether	3.528	74	30962	19.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	51300	21.709	ug/l	98
10) Methyl Iodide	4.082	142	56444	18.089	ug/l	99
11) Tert butyl alcohol	4.942	59	38702m	102.340	ug/l	
12) 1,1-Dichloroethene	3.869	96	49274	20.572	ug/l	93
13) Acrolein	3.723	56	19834	130.865	ug/l	97
14) Allyl chloride	4.473	41	81064	18.671	ug/l	96
15) Acrylonitrile	5.161	53	76032	94.282	ug/l	99
16) Acetone	3.954	43	71044	80.683	ug/l	98
17) Carbon Disulfide	4.186	76	145906	18.799	ug/l	100
18) Methyl Acetate	4.473	43	59858	17.514	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	137128	19.412	ug/l	99
20) Methylene Chloride	4.710	84	65422	21.208	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	52876	19.793	ug/l	96
22) Diisopropyl ether	6.112	45	165058	19.856	ug/l	98
23) Vinyl Acetate	6.058	43	465750	94.960	ug/l	100
24) 1,1-Dichloroethane	6.015	63	95670	19.961	ug/l	99
25) 2-Butanone	6.990	43	97667	90.107	ug/l	99
26) 2,2-Dichloropropane	6.978	77	91389	20.301	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	58828	19.685	ug/l	100
28) Bromochloromethane	7.326	49	39967	20.505	ug/l	94
29) Tetrahydrofuran	7.344	42	63470	92.345	ug/l	97
30) Chloroform	7.502	83	104138	20.480	ug/l	98
31) Cyclohexane	7.783	56	79248	20.251	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	96336	21.007	ug/l	99
36) 1,1-Dichloropropene	7.911	75	75906	21.864	ug/l	99
37) Ethyl Acetate	7.070	43	47249	19.725	ug/l	99
38) Carbon Tetrachloride	7.899	117	88678	22.135	ug/l	98
39) Methylcyclohexane	9.179	83	83176	21.594	ug/l	95
40) Benzene	8.155	78	216632	20.985	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014113.D
 Acq On : 12 Jun 2023 12:24
 Operator : KP/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 05:39:45 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	7.307	41	24452	20.002	ug/l	91
42) 1,2-Dichloroethane	8.234	62	75937	20.801	ug/l	100
43) Isopropyl Acetate	8.265	43	85061	20.261	ug/l	98
44) Trichloroethene	8.935	130	58470	21.199	ug/l	100
45) 1,2-Dichloropropane	9.210	63	53793	20.515	ug/l	95
46) Dibromomethane	9.301	93	33191	20.564	ug/l	98
47) Bromodichloromethane	9.490	83	79501	21.036	ug/l	98
48) Methyl methacrylate	9.289	41	38728	19.778	ug/l	97
49) 1,4-Dioxane	9.319	88	8466	412.792	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	229732	100.719	ug/l	100
52) Toluene	10.240	92	135327	21.147	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	81593	20.509	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	87126	20.072	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	44483	20.778	ug/l	96
56) Ethyl methacrylate	10.508	69	58123	19.683	ug/l	97
57) 1,3-Dichloropropane	10.788	76	75485	20.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	75198	79.086	ug/l	96
59) 2-Hexanone	10.825	43	159541	96.843	ug/l	100
60) Dibromochloromethane	10.977	129	56677	20.684	ug/l	99
61) 1,2-Dibromoethane	11.081	107	42886	20.298	ug/l	100
64) Tetrachloroethene	10.715	164	53385	21.496	ug/l	98
65) Chlorobenzene	11.514	112	145513	20.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58061	21.085	ug/l	99
67) Ethyl Benzene	11.587	91	259772	21.198	ug/l	97
68) m/p-Xylenes	11.697	106	203191	43.107	ug/l	99
69) o-Xylene	12.026	106	92921	20.851	ug/l	98
70) Styrene	12.038	104	163833	21.540	ug/l	99
71) Bromoform	12.203	173	40059	21.242	ug/l #	98
73) Isopropylbenzene	12.325	105	252320	20.831	ug/l	100
74) N-amyl acetate	12.142	43	74024	19.285	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	53615	19.809	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36223m	17.388	ug/l	
77) Bromobenzene	12.605	156	64911	20.389	ug/l	95
78) n-propylbenzene	12.666	91	313486	21.189	ug/l	100
79) 2-Chlorotoluene	12.752	91	175935	20.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	214580	20.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	19127	19.847	ug/l	96
82) 4-Chlorotoluene	12.849	91	183237	20.312	ug/l	98
83) tert-Butylbenzene	13.069	119	178505	20.253	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	213468	20.792	ug/l	99
85) sec-Butylbenzene	13.251	105	271222	21.166	ug/l	99
86) p-Isopropyltoluene	13.367	119	227006	20.700	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	124565	20.493	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	125039	20.417	ug/l	98
89) n-Butylbenzene	13.690	91	209293	20.576	ug/l	98
90) Hexachloroethane	13.959	117	45847	20.980	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	113549	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10535	20.440	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	69316	20.043	ug/l	99
94) Hexachlorobutadiene	15.111	225	42670	21.371	ug/l	100
95) Naphthalene	15.233	128	131485	18.731	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60237	19.275	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
Data File : VY014113.D
Acq On : 12 Jun 2023 12:24
Operator : KP/MD
Sample : VY0612SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0612SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 05:39:45 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

