

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014229.D
 Acq On : 19 Jun 2023 15:23
 Operator : KP/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:54 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	214732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	295210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	135147	45.197	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.400%		
35) Dibromofluoromethane	7.710	113	118542	53.781	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.560%		
50) Toluene-d8	10.173	98	408173	49.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.477	95	159735	54.568	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	109.140%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	50772	21.216	ug/l	95
3) Chloromethane	2.107	50	53057	17.485	ug/l	100
4) Vinyl Chloride	2.247	62	54194	18.370	ug/l	97
5) Bromomethane	2.625	94	38949	16.001	ug/l	97
6) Chloroethane	2.784	64	34283	17.101	ug/l	95
7) Trichlorofluoromethane	3.113	101	97864	20.419	ug/l	99
8) Diethyl Ether	3.521	74	28662	17.909	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	52317	21.629	ug/l	98
10) Methyl Iodide	4.076	142	53155	16.642	ug/l	97
11) Tert butyl alcohol	4.954	59	32991	81.493	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	46909	19.133	ug/l	97
13) Acrolein	3.716	56	17917	108.751	ug/l	94
14) Allyl chloride	4.466	41	79512	17.891	ug/l	98
15) Acrylonitrile	5.149	53	79689	96.537	ug/l	99
16) Acetone	3.942	43	80794	89.638	ug/l	97
17) Carbon Disulfide	4.180	76	131150	16.508	ug/l	98
18) Methyl Acetate	4.466	43	64986	18.575	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	130340	18.025	ug/l	98
20) Methylene Chloride	4.698	84	82614	27.066	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	50754	18.560	ug/l	96
22) Diisopropyl ether	6.106	45	150618	17.701	ug/l	97
23) Vinyl Acetate	6.045	43	430243	85.697	ug/l	100
24) 1,1-Dichloroethane	6.003	63	89481	18.239	ug/l	98
25) 2-Butanone	6.972	43	105462	95.053	ug/l	98
26) 2,2-Dichloropropane	6.972	77	92881	20.157	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	54401	17.784	ug/l	97
28) Bromochloromethane	7.326	49	35346	17.716	ug/l	96
29) Tetrahydrofuran	7.338	42	63144	89.751	ug/l	97
30) Chloroform	7.496	83	96669	18.573	ug/l	98
31) Cyclohexane	7.777	56	76185	19.019	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	91911	19.579	ug/l	99
36) 1,1-Dichloropropene	7.905	75	70459	20.504	ug/l	99
37) Ethyl Acetate	7.063	43	43136	18.193	ug/l	99
38) Carbon Tetrachloride	7.893	117	84604	21.335	ug/l	100
39) Methylcyclohexane	9.179	83	78377	20.557	ug/l	99
40) Benzene	8.149	78	197785	19.356	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014229.D
 Acq On : 19 Jun 2023 15:23
 Operator : KP/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS01

Quant Time: Jun 19 17:02:54 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20958	17.320	ug/l	95
42) 1,2-Dichloroethane	8.228	62	69672	19.281	ug/l	100
43) Isopropyl Acetate	8.264	43	78869	18.979	ug/l	97
44) Trichloroethene	8.935	130	55807	20.442	ug/l	96
45) 1,2-Dichloropropane	9.209	63	49513	19.077	ug/l	99
46) Dibromomethane	9.301	93	30045	18.806	ug/l	99
47) Bromodichloromethane	9.490	83	72918	19.493	ug/l	98
48) Methyl methacrylate	9.289	41	35656	18.396	ug/l	97
49) 1,4-Dioxane	9.295	88	8662	426.693	ug/l #	57
51) 4-Methyl-2-Pentanone	10.063	43	219172	97.078	ug/l	99
52) Toluene	10.240	92	127180	20.078	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	75505	19.174	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	80638	18.768	ug/l	97
55) 1,1,2-Trichloroethane	10.636	97	41873	19.760	ug/l	94
56) Ethyl methacrylate	10.502	69	53578	18.331	ug/l	99
57) 1,3-Dichloropropane	10.782	76	69325	19.128	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	70849	76.656	ug/l	98
59) 2-Hexanone	10.825	43	160815	98.621	ug/l	99
60) Dibromochloromethane	10.977	129	53768	19.825	ug/l	100
61) 1,2-Dibromoethane	11.081	107	40866	19.541	ug/l	97
64) Tetrachloroethene	10.715	164	61318	24.369	ug/l	95
65) Chlorobenzene	11.514	112	138033	19.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54748	19.623	ug/l	99
67) Ethyl Benzene	11.587	91	243654	19.624	ug/l	100
68) m/p-Xylenes	11.697	106	189622	39.705	ug/l	98
69) o-Xylene	12.026	106	87762	19.437	ug/l	99
70) Styrene	12.038	104	152004	19.725	ug/l	99
71) Bromoform	12.203	173	37586	19.671	ug/l	100
73) Isopropylbenzene	12.325	105	242763	18.834	ug/l	99
74) N-amyl acetate	12.142	43	70969	17.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.575	83	49226	17.092	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	34984m	15.782	ug/l	
77) Bromobenzene	12.605	156	60664	17.907	ug/l	96
78) n-propylbenzene	12.666	91	297930	18.924	ug/l	99
79) 2-Chlorotoluene	12.751	91	166240	18.351	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	208396	18.882	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16997	16.574	ug/l	96
82) 4-Chlorotoluene	12.849	91	176271	18.362	ug/l	98
83) tert-Butylbenzene	13.068	119	181303	19.331	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	207299	18.975	ug/l	99
85) sec-Butylbenzene	13.251	105	268913	19.721	ug/l	99
86) p-Isopropyltoluene	13.367	119	228626	19.591	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	121057	18.716	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	120913	18.553	ug/l	100
89) n-Butylbenzene	13.690	91	211677	19.557	ug/l	99
90) Hexachloroethane	13.958	117	44095	18.962	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	108588	18.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9926	18.098	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	67904	18.451	ug/l	97
94) Hexachlorobutadiene	15.111	225	44752	21.063	ug/l	97
95) Naphthalene	15.233	128	130416	17.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60547	18.207	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014229.D
Acq On : 19 Jun 2023 15:23
Operator : KP/MD
Sample : VY0619SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/20/2023
Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:54 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\VY061923\
 Data File : VY014229.D
 Acq On : 19 Jun 2023 15:23
 Operator : KP/MD
 Sample : VY0619SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VY0619SBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 19 17:02:54 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

