

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003565.D
 Acq On : 20 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:36 PM

Quant Time: Nov 21 02:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	164980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	80411	46.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.88%
35) Dibromofluoromethane	7.72	113	77386	47.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.84%
50) Toluene-d8	10.18	98	292930	46.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.28%
62) 4-Bromofluorobenzene	12.48	95	95962	48.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	10013	20.594	ug/l	86
3) Chloromethane	2.12	50	22770	19.895	ug/l	97
4) Vinyl Chloride	2.26	62	30021	20.276	ug/l	99
5) Bromomethane	2.66	94	25442	20.543	ug/l	96
6) Chloroethane	2.80	64	21124	20.344	ug/l	96
7) Trichlorofluoromethane	3.13	101	24505	18.762	ug/l	95
8) Diethyl Ether	3.53	74	19257	20.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	29780	19.864	ug/l	100
10) Methyl Iodide	4.10	142	51029	20.045	ug/l	99
11) Tert butyl alcohol	5.02	59	13119	101.326	ug/l #	100
12) 1,1-Dichloroethene	3.87	96	32989	20.308	ug/l	96
13) Acrolein	3.74	56	17489	107.002	ug/l	100
14) Allyl chloride	4.48	41	54010	19.834	ug/l	97
15) Acrylonitrile	5.18	53	45401	101.863	ug/l	98
16) Acetone	3.97	43	50050	87.505	ug/l	93
17) Carbon Disulfide	4.20	76	92859	19.858	ug/l	97
18) Methyl Acetate	4.49	43	24436	19.639	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	47275	19.607	ug/l	97
20) Methylene Chloride	4.72	84	45591	22.018	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	35814	19.719	ug/l	94
22) Diisopropyl ether	6.13	45	95151	20.385	ug/l	96
23) Vinyl Acetate	6.07	43	377579	104.071	ug/l	99
24) 1,1-Dichloroethane	6.02	63	63660	20.491	ug/l	97
25) 2-Butanone	7.00	43	70062	94.400	ug/l	98
26) 2,2-Dichloropropane	6.99	77	40274	19.824	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	40250	20.441	ug/l	99
28) Bromochloromethane	7.34	49	28329	18.628	ug/l	98
29) Tetrahydrofuran	7.36	42	38501	99.023	ug/l	99
30) Chloroform	7.51	83	63228	20.394	ug/l	94
31) Cyclohexane	7.78	56	48966	19.772	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	47720	19.919	ug/l	97
36) 1,1-Dichloropropene	7.92	75	50292	20.792	ug/l	97
37) Ethyl Acetate	7.08	43	30383	20.845	ug/l	98
38) Carbon Tetrachloride	7.90	117	46129	20.587	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003565.D
 Acq On : 20 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:36 PM

Quant Time: Nov 21 02:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	47456	19.306	ug/l	97
40) Benzene	8.16	78	144895	20.208	ug/l	99
41) Methacrylonitrile	7.32	41	15018	17.427	ug/l	94
42) 1,2-Dichloroethane	8.24	62	42703	20.935	ug/l	99
43) Isopropyl Acetate	8.28	43	54498	20.362	ug/l	97
44) Trichloroethene	8.94	130	40158	20.554	ug/l	97
45) 1,2-Dichloropropane	9.22	63	36316	20.432	ug/l	100
46) Dibromomethane	9.30	93	20538	20.290	ug/l	100
47) Bromodichloromethane	9.50	83	48286	20.084	ug/l	99
48) Methyl methacrylate	9.29	41	25609	19.989	ug/l	95
49) 1,4-Dioxane	9.32	88	5219	450.005	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	126850	98.890	ug/l	98
52) Toluene	10.24	92	89639	20.418	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	51117	20.314	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	58288	20.352	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	28846	20.092	ug/l	88
56) Ethyl methacrylate	10.51	69	35609	20.410	ug/l	99
57) 1,3-Dichloropropane	10.79	76	51325	21.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	94877	105.965	ug/l	99
59) 2-Hexanone	10.83	43	102203	96.652	ug/l	100
60) Dibromochloromethane	10.99	129	35418	20.403	ug/l	100
61) 1,2-Dibromoethane	11.09	107	28309	20.462	ug/l	96
64) Tetrachloroethene	10.72	164	32575	19.740	ug/l	92
65) Chlorobenzene	11.52	112	97698	20.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	27949	20.378	ug/l	98
67) Ethyl Benzene	11.59	91	159848	20.409	ug/l	99
68) m/p-Xylenes	11.70	106	124762	41.599	ug/l	99
69) o-Xylene	12.03	106	49495	20.632	ug/l	99
70) Styrene	12.04	104	98597	20.392	ug/l	99
71) Bromoform	12.20	173	21957	19.824	ug/l #	99
73) Isopropylbenzene	12.33	105	110534	20.543	ug/l	98
74) N-amyl acetate	12.14	43	42802	20.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	31177	20.823	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	19780m	18.888	ug/l	
77) Bromobenzene	12.61	156	41025	20.723	ug/l	98
78) n-propylbenzene	12.67	91	153754	20.340	ug/l	99
79) 2-Chlorotoluene	12.75	91	89703	20.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	83446	20.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	13046	19.804	ug/l	99
82) 4-Chlorotoluene	12.85	91	108759	20.344	ug/l	99
83) tert-Butylbenzene	13.07	119	81848	19.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	89575	20.803	ug/l	100
85) sec-Butylbenzene	13.25	105	95321	20.572	ug/l	98
86) p-Isopropyltoluene	13.36	119	87995	21.165	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	74572	20.694	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	73646	19.943	ug/l	97
89) n-Butylbenzene	13.69	91	89434	20.104	ug/l	98
90) Hexachloroethane	13.95	117	22514	20.480	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	58414	20.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4162	21.342	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
Data File : VY003565.D
Acq On : 20 Nov 2020 14:20
Operator : SY/MD
Sample : VY1120SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:36 PM

Quant Time: Nov 21 02:22:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	32574	20.193	ug/l	99
94) Hexachlorobutadiene	15.11	225	18418	18.751	ug/l	98
95) Naphthalene	15.23	128	55323	20.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	24254	20.453	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

