

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001328.D
 Acq On : 22 Jan 2020 13:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:20 AM

Quant Time: Jan 23 01:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	221139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	388265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.52	117	339226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.47	152	159591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	117095	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.75	113	108115	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.21	98	451822	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.51	95	168757	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	86399	49.543	ug/l	99
3) Chloromethane	2.13	50	121911	46.253	ug/l	99
4) Vinyl Chloride	2.27	62	133619	48.619	ug/l	98
5) Bromomethane	2.67	94	86224	46.585	ug/l	99
6) Chloroethane	2.82	64	84105	47.892	ug/l	96
7) Trichlorofluoromethane	3.15	101	173357	49.301	ug/l	99
8) Diethyl Ether	3.55	74	67169	45.250	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	111699	49.881	ug/l	99
10) Methyl Iodide	4.12	142	142179	48.140	ug/l	100
11) Tert butyl alcohol	4.99	59	67641	221.373	ug/l	99
12) 1,1-Dichloroethene	3.90	96	113393	48.295	ug/l	94
13) Acrolein	3.76	56	53597	303.044	ug/l	100
14) Allyl chloride	4.51	41	198247	47.347	ug/l	100
15) Acrylonitrile	5.21	53	176696	232.549	ug/l	100
16) Acetone	3.98	43	183922	291.403	ug/l	97
17) Carbon Disulfide	4.22	76	352761	47.771	ug/l	100
18) Methyl Acetate	4.51	43	89010	43.864	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	311245	45.274	ug/l	99
20) Methylene Chloride	4.75	84	130678	43.420	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	126959	46.550	ug/l	98
22) Diisopropyl ether	6.16	45	409425	46.048	ug/l	95
23) Vinyl Acetate	6.10	43	1352106	234.241	ug/l	99
24) 1,1-Dichloroethane	6.06	63	220248	46.996	ug/l	98
25) 2-Butanone	7.02	43	253486	242.025	ug/l	98
26) 2,2-Dichloropropane	7.02	77	197328	47.269	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	141981	46.581	ug/l	99
28) Bromochloromethane	7.37	49	100718	52.112	ug/l	99
29) Tetrahydrofuran	7.38	42	156734	230.019	ug/l	99
30) Chloroform	7.54	83	211838	46.115	ug/l	100
31) Cyclohexane	7.82	56	220615	47.412	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	189849	48.947	ug/l	99
36) 1,1-Dichloropropene	7.95	75	178669	48.708	ug/l	99
37) Ethyl Acetate	7.11	43	104069	46.436	ug/l	100
38) Carbon Tetrachloride	7.93	117	163784	50.100	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001328.D
 Acq On : 22 Jan 2020 13:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:20 AM

Quant Time: Jan 23 01:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	234680	49.942	ug/l	97
40) Benzene	8.19	78	519117	47.198	ug/l	99
41) Methacrylonitrile	7.35	41	62225m	53.804	ug/l	
42) 1,2-Dichloroethane	8.27	62	142176	46.263	ug/l	100
43) Isopropyl Acetate	8.30	43	205539	47.165	ug/l	99
44) Trichloroethene	8.96	130	133115	47.164	ug/l	99
45) 1,2-Dichloropropane	9.24	63	132185	47.542	ug/l	99
46) Dibromomethane	9.33	93	69230	46.380	ug/l	99
47) Bromodichloromethane	9.52	83	167132	46.839	ug/l	100
48) Methyl methacrylate	9.31	41	92316	46.599	ug/l	99
49) 1,4-Dioxane	9.32	88	20084	954.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.10	43	526863	234.764	ug/l	100
52) Toluene	10.27	92	331291	47.517	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	190270	48.108	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	215172	47.399	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	103200	46.842	ug/l	98
56) Ethyl methacrylate	10.53	69	157859	47.407	ug/l	100
57) 1,3-Dichloropropane	10.81	76	179732	46.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	254220	220.628	ug/l	100
59) 2-Hexanone	10.86	43	390952	250.231	ug/l	99
60) Dibromochloromethane	11.01	129	115954	47.057	ug/l	99
61) 1,2-Dibromoethane	11.11	107	98589	47.336	ug/l	100
64) Tetrachloroethene	10.74	164	104352	48.158	ug/l	99
65) Chlorobenzene	11.54	112	340851	47.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	118109	48.402	ug/l	99
67) Ethyl Benzene	11.62	91	641710	48.698	ug/l	100
68) m/p-Xylenes	11.73	106	478299	97.184	ug/l	100
69) o-Xylene	12.06	106	226553	47.851	ug/l	97
70) Styrene	12.07	104	401060	48.280	ug/l	100
71) Bromoform	12.24	173	70059	48.096	ug/l #	100
73) Isopropylbenzene	12.36	105	626837	49.776	ug/l	99
74) N-amyl acetate	12.17	43	199921	48.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.61	83	129350	47.961	ug/l	98
76) 1,2,3-Trichloropropane	12.66	75	93636m	48.691	ug/l	
77) Bromobenzene	12.64	156	133346	47.807	ug/l	98
78) n-propylbenzene	12.70	91	762964	50.336	ug/l	99
79) 2-Chlorotoluene	12.78	91	424697	49.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.84	105	522099	49.668	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	51590	50.767	ug/l	94
82) 4-Chlorotoluene	12.89	91	452776	48.951	ug/l	100
83) tert-Butylbenzene	13.11	119	433477	48.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.16	105	514051	48.709	ug/l	99
85) sec-Butylbenzene	13.29	105	641134	50.928	ug/l	100
86) p-Isopropyltoluene	13.41	119	556507	50.163	ug/l	99
87) 1,3-Dichlorobenzene	13.41	146	259182	48.249	ug/l	98
88) 1,4-Dichlorobenzene	13.48	146	262429	48.114	ug/l	100
89) n-Butylbenzene	13.75	91	562859	50.412	ug/l	100
90) Hexachloroethane	14.02	117	106831	50.802	ug/l	99
91) 1,2-Dichlorobenzene	13.79	146	239626	48.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.44	75	22124	47.539	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001328.D
Acq On : 22 Jan 2020 13:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:20 AM

Quant Time: Jan 23 01:19:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	158176	47.572	ug/l	98
94) Hexachlorobutadiene	15.28	225	78803	48.674	ug/l	99
95) Naphthalene	15.41	128	362576	47.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.62	180	137041	46.984	ug/l	99

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

