

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002878.D
 Acq On : 10 Jun 2020 16:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 02:26:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	456276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	221533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	124598	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
35) Dibromofluoromethane	7.72	113	137146	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	10.18	98	526722	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.48	95	183894	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	91167	43.197	ug/l	98
3) Chloromethane	2.12	50	103126	44.177	ug/l	98
4) Vinyl Chloride	2.26	62	115925	46.983	ug/l	98
5) Bromomethane	2.66	94	91178	49.311	ug/l	97
6) Chloroethane	2.80	64	79763	49.867	ug/l	97
7) Trichlorofluoromethane	3.13	101	218341	49.964	ug/l	99
8) Diethyl Ether	3.54	74	76998	45.125	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	135458	52.207	ug/l	98
10) Methyl Iodide	4.10	142	187016	51.512	ug/l	100
11) Tert butyl alcohol	4.97	59	51955	177.824	ug/l	100
12) 1,1-Dichloroethene	3.88	96	133716	51.245	ug/l	98
13) Acrolein	3.74	56	53232	170.564	ug/l	99
14) Allyl chloride	4.49	41	199149	53.215	ug/l	100
15) Acrylonitrile	5.18	53	169663	220.402	ug/l	100
16) Acetone	3.96	43	132841	212.722	ug/l	97
17) Carbon Disulfide	4.20	76	361822	45.888	ug/l	99
18) Methyl Acetate	4.49	43	71168	45.327	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	346653	48.123	ug/l	99
20) Methylene Chloride	4.72	84	157960	51.759	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	149150	50.827	ug/l	97
22) Diisopropyl ether	6.13	45	414245	53.267	ug/l	97
23) Vinyl Acetate	6.07	43	1269557	247.262	ug/l	98
24) 1,1-Dichloroethane	6.03	63	245551	53.976	ug/l	99
25) 2-Butanone	6.99	43	198489	204.009	ug/l	99
26) 2,2-Dichloropropane	6.99	77	223040	51.121	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	170124	51.788	ug/l	100
28) Bromochloromethane	7.34	49	91109	48.786	ug/l	99
29) Tetrahydrofuran	7.35	42	130732	206.572	ug/l	99
30) Chloroform	7.51	83	259463	53.748	ug/l	99
31) Cyclohexane	7.79	56	209561	46.396	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	234723	52.179	ug/l	100
36) 1,1-Dichloropropene	7.93	75	195378	50.833	ug/l	99
37) Ethyl Acetate	7.08	43	91695	43.848	ug/l	98
38) Carbon Tetrachloride	7.91	117	217347	50.903	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002878.D
 Acq On : 10 Jun 2020 16:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 02:26:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	243164	47.998	ug/l	97
40) Benzene	8.16	78	583189	51.351	ug/l	100
41) Methacrylonitrile	7.32	41	50073m	44.571	ug/l	
42) 1,2-Dichloroethane	8.24	62	156729	49.242	ug/l	99
43) Isopropyl Acetate	8.28	43	175200	44.211	ug/l	99
44) Trichloroethene	8.94	130	177972	49.611	ug/l	100
45) 1,2-Dichloropropane	9.22	63	143475	52.680	ug/l	100
46) Dibromomethane	9.31	93	79179	48.953	ug/l	98
47) Bromodichloromethane	9.50	83	201402	52.818	ug/l	99
48) Methyl methacrylate	9.30	41	79471	44.424	ug/l	99
49) 1,4-Dioxane	9.30	88	19420	781.944	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	447712	213.358	ug/l	100
52) Toluene	10.25	92	380474	51.212	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	207727	49.876	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	242802	51.449	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	118973	48.045	ug/l	93
56) Ethyl methacrylate	10.51	69	152486	45.975	ug/l	100
57) 1,3-Dichloropropane	10.79	76	197396	48.465	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	380920	235.041	ug/l	99
59) 2-Hexanone	10.83	43	304972	204.834	ug/l	100
60) Dibromochloromethane	10.99	129	155444	49.513	ug/l	100
61) 1,2-Dibromoethane	11.09	107	115567	47.311	ug/l	99
64) Tetrachloroethene	10.72	164	182562	48.198	ug/l	99
65) Chlorobenzene	11.52	112	426793	51.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	163506	52.705	ug/l	99
67) Ethyl Benzene	11.60	91	747516	52.346	ug/l	99
68) m/p-Xylenes	11.70	106	581366	105.002	ug/l	99
69) o-Xylene	12.03	106	273469	52.320	ug/l	100
70) Styrene	12.05	104	479081	52.873	ug/l	100
71) Bromoform	12.21	173	99849	48.101	ug/l	99
73) Isopropylbenzene	12.33	105	751347	52.924	ug/l	100
74) N-amyl acetate	12.14	43	165857	45.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	121672	48.847	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	96639m	48.412	ug/l	
77) Bromobenzene	12.61	156	190150	51.439	ug/l	99
78) n-propylbenzene	12.67	91	873484	53.265	ug/l	100
79) 2-Chlorotoluene	12.76	91	482135	52.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	627219	52.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47716	45.035	ug/l	96
82) 4-Chlorotoluene	12.86	91	511560	53.078	ug/l	100
83) tert-Butylbenzene	13.08	119	558492	52.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	630918	52.934	ug/l	100
85) sec-Butylbenzene	13.25	105	763750	52.828	ug/l	100
86) p-Isopropyltoluene	13.37	119	721110	53.604	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	362002	51.699	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	363702	51.924	ug/l	99
89) n-Butylbenzene	13.70	91	642474	52.604	ug/l	100
90) Hexachloroethane	13.96	117	135918	53.969	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	327500	51.573	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20819	43.443	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
Data File : VY002878.D
Acq On : 10 Jun 2020 16:03
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 11 02:26:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	237822	49.686	ug/l	100
94) Hexachlorobutadiene	15.11	225	143006	52.676	ug/l	99
95) Naphthalene	15.24	128	420944	43.862	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	206979	48.424	ug/l	99

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

