

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001790.D
 Acq On : 26 Feb 2020 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:37 AM

Quant Time: Feb 27 02:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92512	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.74	113	86292	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.19	98	352065	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.49	95	128985	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	83037	49.903	ug/l	99
3) Chloromethane	2.13	50	105507	47.141	ug/l	98
4) Vinyl Chloride	2.26	62	106839	47.328	ug/l	98
5) Bromomethane	2.66	94	70402	49.900	ug/l	100
6) Chloroethane	2.81	64	68041	48.913	ug/l	100
7) Trichlorofluoromethane	3.15	101	144402	49.980	ug/l	100
8) Diethyl Ether	3.55	74	59488	52.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	92494	50.934	ug/l	99
10) Methyl Iodide	4.12	142	105133	47.304	ug/l	99
11) Tert butyl alcohol	4.99	59	55380	261.514	ug/l	100
12) 1,1-Dichloroethene	3.90	96	91735	49.529	ug/l	99
13) Acrolein	3.76	56	49823	268.670	ug/l	98
14) Allyl chloride	4.51	41	170780	51.809	ug/l	99
15) Acrylonitrile	5.21	53	164239	281.324	ug/l	99
16) Acetone	3.97	43	135276	212.922	ug/l	99
17) Carbon Disulfide	4.22	76	288194	46.607	ug/l	98
18) Methyl Acetate	4.50	43	75883	54.845	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	270901	52.533	ug/l	97
20) Methylene Chloride	4.75	84	111108	49.235	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	104952	49.665	ug/l	98
22) Diisopropyl ether	6.15	45	360870	53.309	ug/l	98
23) Vinyl Acetate	6.10	43	1193042	270.188	ug/l	99
24) 1,1-Dichloroethane	6.05	63	186589	51.572	ug/l	99
25) 2-Butanone	7.02	43	216164	250.459	ug/l	99
26) 2,2-Dichloropropane	7.01	77	148903	47.304	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	120226	51.543	ug/l	99
28) Bromochloromethane	7.36	49	88623	58.801	ug/l	96
29) Tetrahydrofuran	7.38	42	143514	275.111	ug/l	98
30) Chloroform	7.53	83	179046	50.646	ug/l	99
31) Cyclohexane	7.81	56	183838	47.656	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	150270	50.575	ug/l	99
36) 1,1-Dichloropropene	7.94	75	146509	48.824	ug/l	99
37) Ethyl Acetate	7.11	43	94116	52.549	ug/l	99
38) Carbon Tetrachloride	7.93	117	127164	48.246	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001790.D
 Acq On : 26 Feb 2020 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:37 AM

Quant Time: Feb 27 02:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	189976	47.720	ug/l	98
40) Benzene	8.19	78	444963	50.418	ug/l	99
41) Methacrylonitrile	7.35	41	43088m	47.914	ug/l	
42) 1,2-Dichloroethane	8.26	62	120453	50.099	ug/l	99
43) Isopropyl Acetate	8.30	43	178745	52.600	ug/l	100
44) Trichloroethene	8.96	130	107732	48.900	ug/l	98
45) 1,2-Dichloropropane	9.24	63	115801	52.393	ug/l	100
46) Dibromomethane	9.33	93	59696	51.638	ug/l	99
47) Bromodichloromethane	9.52	83	142115	50.936	ug/l	100
48) Methyl methacrylate	9.31	41	80024	52.069	ug/l	98
49) 1,4-Dioxane	9.32	88	17019	1042.329	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	466524	267.202	ug/l	99
52) Toluene	10.26	92	271098	49.245	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	156540	50.752	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	180081	50.727	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	88749	52.064	ug/l	98
56) Ethyl methacrylate	10.52	69	133601	52.244	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156408	51.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	243830	253.828	ug/l	99
59) 2-Hexanone	10.85	43	331234	252.846	ug/l	99
60) Dibromochloromethane	11.00	129	94081	50.060	ug/l	98
61) 1,2-Dibromoethane	11.10	107	84109	52.184	ug/l	99
64) Tetrachloroethene	10.73	164	85290	47.192	ug/l	99
65) Chlorobenzene	11.53	112	282745	49.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	95892	49.457	ug/l	99
67) Ethyl Benzene	11.60	91	524191	49.144	ug/l	100
68) m/p-Xylenes	11.71	106	392916	98.613	ug/l	99
69) o-Xylene	12.04	106	186723	49.294	ug/l	97
70) Styrene	12.05	104	326075	49.531	ug/l	99
71) Bromoform	12.22	173	54074	48.801	ug/l #	99
73) Isopropylbenzene	12.34	105	500080	48.549	ug/l	99
74) N-amyl acetate	12.15	43	167352	50.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	114678	52.141	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	73301m	47.260	ug/l	
77) Bromobenzene	12.62	156	109808	49.176	ug/l	98
78) n-propylbenzene	12.68	91	616925	49.177	ug/l	99
79) 2-Chlorotoluene	12.77	91	344552	48.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	413474	48.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41120	50.297	ug/l	99
82) 4-Chlorotoluene	12.86	91	362200	48.808	ug/l	99
83) tert-Butylbenzene	13.08	119	346687	48.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	420319	49.446	ug/l	100
85) sec-Butylbenzene	13.26	105	514791	49.082	ug/l	100
86) p-Isopropyltoluene	13.38	119	444157	48.747	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213302	49.255	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	215483	49.225	ug/l	99
89) n-Butylbenzene	13.70	91	458173	49.212	ug/l	99
90) Hexachloroethane	13.97	117	84683	49.329	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	195549	48.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18183	50.095	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
Data File : VY001790.D
Acq On : 26 Feb 2020 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/27/2020 10:45:37 AM

Quant Time: Feb 27 02:43:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	127773	48.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	60711	46.094	ug/l	100
95) Naphthalene	15.25	128	310812	50.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	114073	48.959	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001790.D
 Acq On : 26 Feb 2020 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:45:37 AM

Quant Time: Feb 27 02:43:09 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

