

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012320\
 Data File : VD064931.D
 Acq On : 23 Jan 2020 12:21
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:01:57 PM

Quant Time: Jan 23 12:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 12:45:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	462006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	669361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	600380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	229543	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
35) Dibromofluoromethane	7.92	113	221953	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.34	98	873377	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.64	95	262065	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	176753	49.464	ug/l	100
3) Chloromethane	2.21	50	248306	49.528	ug/l	100
4) Vinyl Chloride	2.35	62	288415	47.431	ug/l	100
5) Bromomethane	2.77	94	187070	42.882	ug/l	100
6) Chloroethane	2.93	64	190014	47.100	ug/l	100
7) Trichlorofluoromethane	3.27	101	446417	44.329	ug/l	100
8) Diethyl Ether	3.71	74	100442	49.225	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	207100	48.884	ug/l	100
10) Methyl Iodide	4.29	142	239870	52.882	ug/l	100
11) Tert butyl alcohol	5.24	59	65809	279.917	ug/l	100
12) 1,1-Dichloroethene	4.06	96	195612	48.517	ug/l	100
13) Acrolein	3.93	56	74220	233.134	ug/l	100
14) Allyl chloride	4.71	41	318471	50.323	ug/l	100
15) Acrylonitrile	5.43	53	217603	255.660	ug/l	100
16) Acetone	4.17	43	235402	276.305	ug/l	100
17) Carbon Disulfide	4.40	76	648183	49.412	ug/l	100
18) Methyl Acetate	4.73	43	100830	44.844	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	453603	50.507	ug/l	100
20) Methylene Chloride	4.96	84	220352	45.519	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	227014	49.182	ug/l	100
22) Diisopropyl ether	6.37	45	641780	50.863	ug/l	100
23) Vinyl Acetate	6.31	43	1926203	268.345	ug/l	100
24) 1,1-Dichloroethane	6.27	63	383742	50.590	ug/l	100
25) 2-Butanone	7.23	43	308397	272.612	ug/l	100
26) 2,2-Dichloropropane	7.21	77	345774	49.209	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	241332	48.731	ug/l	100
28) Bromochloromethane	7.56	49	174535	58.270	ug/l	100
29) Tetrahydrofuran	7.57	42	184400	264.091	ug/l	100
30) Chloroform	7.71	83	394456	49.662	ug/l	100
31) Cyclohexane	7.98	56	364817	48.031	ug/l	100
32) 1,1,1-Trichloroethane	7.91	97	369774	49.583	ug/l	100
36) 1,1-Dichloropropene	8.11	75	324048	50.287	ug/l	100
37) Ethyl Acetate	7.30	43	127407	50.686	ug/l	100
38) Carbon Tetrachloride	8.10	117	345323	50.409	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012320\
 Data File : VD064931.D
 Acq On : 23 Jan 2020 12:21
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:01:57 PM

Quant Time: Jan 23 12:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 12:45:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	388608	50.053	ug/l	100
40) Benzene	8.36	78	886882	50.379	ug/l	100
41) Methacrylonitrile	7.54	41	82460	55.981	ug/l	100
42) 1,2-Dichloroethane	8.43	62	263803	51.645	ug/l	100
43) Isopropyl Acetate	8.46	43	251438	50.203	ug/l	100
44) Trichloroethene	9.11	130	244445	47.756	ug/l	100
45) 1,2-Dichloropropane	9.39	63	210807	50.245	ug/l	100
46) Dibromomethane	9.48	93	114241	49.227	ug/l	100
47) Bromodichloromethane	9.67	83	303044	48.991	ug/l	100
48) Methyl methacrylate	9.46	41	119703	51.075	ug/l	100
49) 1,4-Dioxane	9.47	88	28137	1035.030	ug/l	100
51) 4-Methyl-2-Pentanone	10.24	43	644037	258.346	ug/l	100
52) Toluene	10.41	92	572763	49.797	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	296392	51.106	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	344510	50.522	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	156851	49.834	ug/l	100
56) Ethyl methacrylate	10.67	69	199256	50.814	ug/l	100
57) 1,3-Dichloropropane	10.95	76	273372	50.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	287883	198.149	ug/l	100
59) 2-Hexanone	10.99	43	457298	269.619	ug/l	100
60) Dibromochloromethane	11.14	129	210388	48.661	ug/l	100
61) 1,2-Dibromoethane	11.25	107	151213	48.984	ug/l	100
64) Tetrachloroethene	10.88	164	217144	47.638	ug/l	100
65) Chlorobenzene	11.67	112	588955	47.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	226566	48.690	ug/l	100
67) Ethyl Benzene	11.75	91	1098226	48.999	ug/l	100
68) m/p-Xylenes	11.86	106	847493	98.204	ug/l	100
69) o-Xylene	12.18	106	375525	48.274	ug/l	100
70) Styrene	12.20	104	682579	49.698	ug/l	100
71) Bromoform	12.37	173	125824	47.696	ug/l #	100
73) Isopropylbenzene	12.48	105	1034838	50.009	ug/l	100
74) N-amyl acetate	12.30	43	228570	51.536	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	166635	50.930	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	133038m	55.402	ug/l	
77) Bromobenzene	12.77	156	246372	48.588	ug/l	100
78) n-propylbenzene	12.83	91	1220336	50.389	ug/l	100
79) 2-Chlorotoluene	12.91	91	662378	49.805	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	838550	49.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	57409	51.936	ug/l	100
82) 4-Chlorotoluene	13.01	91	695635	49.243	ug/l	100
83) tert-Butylbenzene	13.23	119	720869	49.044	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	848112	50.046	ug/l	100
85) sec-Butylbenzene	13.41	105	1001876	49.579	ug/l	100
86) p-Isopropyltoluene	13.53	119	957681	49.627	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	466118	48.215	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	459628	48.453	ug/l	100
89) n-Butylbenzene	13.85	91	882749	50.563	ug/l	100
90) Hexachloroethane	14.12	117	180099	48.860	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	400898	48.627	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	26036	49.192	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012320\
Data File : VD064931.D
Acq On : 23 Jan 2020 12:21
Operator : VA/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:01:57 PM

Quant Time: Jan 23 12:51:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 12:45:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278183	46.341	ug/l	100
94) Hexachlorobutadiene	15.28	225	170901	45.294	ug/l	100
95) Naphthalene	15.41	128	464373	48.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	243422	47.337	ug/l	100

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

