

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066125.D
 Acq On : 05 Aug 2020 11:58
 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
 8/6/2020 1:54:20 PM

Quant Time: Aug 05 13:44:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	362030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	517323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	479874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	162248	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.91	113	168739	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.34	98	631320	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.64	95	221443	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	140646	41.797	ug/l	100
3) Chloromethane	2.20	50	107789	40.708	ug/l	100
4) Vinyl Chloride	2.34	62	99554	43.929	ug/l	100
5) Bromomethane	2.76	94	68963	44.502	ug/l	100
6) Chloroethane	2.91	64	61107	43.287	ug/l	100
7) Trichlorofluoromethane	3.26	101	264177	44.751	ug/l	100
8) Diethyl Ether	3.70	74	77685	48.222	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	160807	46.065	ug/l	100
10) Methyl Iodide	4.29	142	130770	61.008	ug/l	100
11) Tert butyl alcohol	5.23	59	56991	147.995	ug/l	100
12) 1,1-Dichloroethene	4.06	96	151988	46.389	ug/l	100
13) Acrolein	3.91	56	57768	220.829	ug/l	100
14) Allyl chloride	4.70	41	234743	47.737	ug/l	100
15) Acrylonitrile	5.42	53	165061	243.677	ug/l	100
16) Acetone	4.15	43	154604	248.424	ug/l	100
17) Carbon Disulfide	4.40	76	481408	46.155	ug/l	100
18) Methyl Acetate	4.71	43	70238	44.004	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	354462	48.292	ug/l	100
20) Methylene Chloride	4.96	84	176498	38.451	ug/l	100
21) trans-1,2-Dichloroethene	5.46	96	174383	46.240	ug/l	100
22) Diisopropyl ether	6.36	45	467271	48.082	ug/l	100
23) Vinyl Acetate	6.30	43	1398526	248.666	ug/l	100
24) 1,1-Dichloroethane	6.26	63	283497	46.761	ug/l	100
25) 2-Butanone	7.21	43	213339	231.709	ug/l	100
26) 2,2-Dichloropropane	7.20	77	249655	44.983	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	187038	47.924	ug/l	100
28) Bromochloromethane	7.54	49	104199	49.178	ug/l	100
29) Tetrahydrofuran	7.56	42	137932	246.466	ug/l	100
30) Chloroform	7.70	83	297410	46.610	ug/l	100
31) Cyclohexane	7.98	56	255907	43.290	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	281312	47.116	ug/l	100
36) 1,1-Dichloropropene	8.11	75	238257	47.716	ug/l	100
37) Ethyl Acetate	7.29	43	90453	46.681	ug/l	100
38) Carbon Tetrachloride	8.09	117	258666	46.597	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080520\
 Data File : VD066125.D
 Acq On : 05 Aug 2020 11:58
 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
 8/6/2020 1:54:20 PM

Quant Time: Aug 05 13:44:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	289022	48.778	ug/l	100
40) Benzene	8.34	78	650540	46.949	ug/l	100
41) Methacrylonitrile	7.53	41	53740	48.670	ug/l	100
42) 1,2-Dichloroethane	8.42	62	191149	47.233	ug/l	100
43) Isopropyl Acetate	8.45	43	182296	48.143	ug/l	100
44) Trichloroethene	9.11	130	196045	47.348	ug/l	100
45) 1,2-Dichloropropane	9.38	63	158579	47.274	ug/l	100
46) Dibromomethane	9.47	93	90703	49.178	ug/l	100
47) Bromodichloromethane	9.66	83	234060	47.992	ug/l	100
48) Methyl methacrylate	9.46	41	99301	49.790	ug/l	100
49) 1,4-Dioxane	9.46	88	23128	977.757	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	480258	243.392	ug/l	100
52) Toluene	10.40	92	439765	48.492	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	225593	49.373	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	263769	49.378	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	125226	46.591	ug/l	100
56) Ethyl methacrylate	10.66	69	159746	51.812	ug/l	100
57) 1,3-Dichloropropane	10.95	76	213883	48.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	360638	257.093	ug/l	100
59) 2-Hexanone	10.98	43	340012	246.417	ug/l	100
60) Dibromochloromethane	11.14	129	177631	48.275	ug/l	100
61) 1,2-Dibromoethane	11.25	107	124086	48.687	ug/l	100
64) Tetrachloroethene	10.87	164	175754	46.728	ug/l	100
65) Chlorobenzene	11.67	112	470348	47.226	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	184597	47.146	ug/l	100
67) Ethyl Benzene	11.74	91	821890	48.086	ug/l	100
68) m/p-Xylenes	11.86	106	646582	97.272	ug/l	100
69) o-Xylene	12.18	106	293480	49.068	ug/l	100
70) Styrene	12.20	104	518571	49.217	ug/l	100
71) Bromoform	12.36	173	108908	47.276	ug/l	100
73) Isopropylbenzene	12.48	105	822217	49.367	ug/l	100
74) N-amyl acetate	12.29	43	185272	51.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	133244	46.132	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	96323m	47.015	ug/l	
77) Bromobenzene	12.77	156	208577	48.232	ug/l	100
78) n-propylbenzene	12.82	91	948654	48.761	ug/l	100
79) 2-Chlorotoluene	12.91	91	544952	48.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	693839	49.731	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	46268	49.446	ug/l	100
82) 4-Chlorotoluene	13.01	91	574725	48.633	ug/l	100
83) tert-Butylbenzene	13.23	119	614436	50.311	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	695686	49.582	ug/l	100
85) sec-Butylbenzene	13.41	105	820454	49.543	ug/l	100
86) p-Isopropyltoluene	13.52	119	765817	49.168	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	385631	46.869	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	387988	47.463	ug/l	100
89) n-Butylbenzene	13.85	91	693757	50.222	ug/l	100
90) Hexachloroethane	14.12	117	147305	47.336	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	342199	47.159	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22550	45.870	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080520\
Data File : VD066125.D
Acq On : 05 Aug 2020 11:58
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
8/6/2020 1:54:20 PM

Quant Time: Aug 05 13:44:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	258923	49.719	ug/l	100
94) Hexachlorobutadiene	15.27	225	149085	48.209	ug/l	100
95) Naphthalene	15.41	128	435767	53.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	229315	49.725	ug/l	100

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

