

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065974.D
 Acq On : 21 Jul 2020 11:16
 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
 7/22/2020 2:44:23 PM

Quant Time: Jul 21 12:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	383245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	500010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137935	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
35) Dibromofluoromethane	7.92	113	145198	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
50) Toluene-d8	10.34	98	568046	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.64	95	191384	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135784	44.040	ug/l	100
3) Chloromethane	2.21	50	113204	46.493	ug/l	100
4) Vinyl Chloride	2.35	62	111231	47.313	ug/l	100
5) Bromomethane	2.77	94	88147	43.857	ug/l	100
6) Chloroethane	2.92	64	68871	48.612	ug/l	100
7) Trichlorofluoromethane	3.27	101	276396	48.854	ug/l	100
8) Diethyl Ether	3.71	74	75903	52.117	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	166426	49.610	ug/l	100
10) Methyl Iodide	4.30	142	143625	78.372	ug/l	100
11) Tert butyl alcohol	5.23	59	50154	189.500	ug/l	100
12) 1,1-Dichloroethene	4.07	96	159707	50.147	ug/l	100
13) Acrolein	3.92	56	57808	226.047	ug/l	100
14) Allyl chloride	4.71	41	257006	52.573	ug/l	100
15) Acrylonitrile	5.43	53	164040	262.468	ug/l	100
16) Acetone	4.16	43	164639	261.349	ug/l	100
17) Carbon Disulfide	4.41	76	516785	49.688	ug/l	100
18) Methyl Acetate	4.71	43	70054	48.341	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	331565	53.080	ug/l	100
20) Methylene Chloride	4.97	84	176968	40.718	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	180705	50.237	ug/l	100
22) Diisopropyl ether	6.37	45	489605	52.904	ug/l	100
23) Vinyl Acetate	6.31	43	1400947	275.873	ug/l	100
24) 1,1-Dichloroethane	6.27	63	293524	50.707	ug/l	100
25) 2-Butanone	7.21	43	215008	258.849	ug/l	100
26) 2,2-Dichloropropane	7.21	77	262501	49.407	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	193940	51.456	ug/l	100
28) Bromochloromethane	7.55	49	112419	47.037	ug/l	100
29) Tetrahydrofuran	7.56	42	132471	261.378	ug/l	100
30) Chloroform	7.71	83	300452	50.045	ug/l	100
31) Cyclohexane	7.98	56	276995	47.681	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	279053	49.676	ug/l	100
36) 1,1-Dichloropropene	8.11	75	241621	50.876	ug/l	100
37) Ethyl Acetate	7.29	43	89987	49.394	ug/l	100
38) Carbon Tetrachloride	8.10	117	262087	52.032	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065974.D
 Acq On : 21 Jul 2020 11:16
 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
 7/22/2020 2:44:23 PM

Quant Time: Jul 21 12:14:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:03:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	303375	53.938	ug/l	100
40) Benzene	8.36	78	674660	51.216	ug/l	100
41) Methacrylonitrile	7.53	41	54042m	39.679	ug/l	
42) 1,2-Dichloroethane	8.43	62	182919	50.524	ug/l	100
43) Isopropyl Acetate	8.46	43	180241	53.751	ug/l	100
44) Trichloroethene	9.11	130	202546	51.112	ug/l	100
45) 1,2-Dichloropropane	9.39	63	164465	52.063	ug/l	100
46) Dibromomethane	9.48	93	87710	50.731	ug/l	100
47) Bromodichloromethane	9.67	83	230810	50.942	ug/l	100
48) Methyl methacrylate	9.46	41	91723	52.517	ug/l	100
49) 1,4-Dioxane	9.47	88	20923	1094.790	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	461589	269.586	ug/l	100
52) Toluene	10.41	92	452224	53.313	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	216415	54.035	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	265850	53.630	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	123304	51.822	ug/l	100
56) Ethyl methacrylate	10.67	69	153314	57.333	ug/l	100
57) 1,3-Dichloropropane	10.95	76	204788	51.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	304163	233.044	ug/l	100
59) 2-Hexanone	10.98	43	327927	278.714	ug/l	100
60) Dibromochloromethane	11.14	129	165375	51.437	ug/l	100
61) 1,2-Dibromoethane	11.25	107	120072	52.172	ug/l	100
64) Tetrachloroethene	10.88	164	174882	51.162	ug/l	100
65) Chlorobenzene	11.67	112	473251	51.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	177184	51.917	ug/l	100
67) Ethyl Benzene	11.75	91	824474	52.115	ug/l	100
68) m/p-Xylenes	11.86	106	644637	105.368	ug/l	100
69) o-Xylene	12.18	106	295621	54.279	ug/l	100
70) Styrene	12.20	104	506608	53.737	ug/l	100
71) Bromoform	12.37	173	98990	51.611	ug/l #	100
73) Isopropylbenzene	12.48	105	815552	54.917	ug/l	100
74) N-amyl acetate	12.29	43	168381	56.373	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	127830	52.043	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	92908m	42.160	ug/l	
77) Bromobenzene	12.77	156	198489	51.777	ug/l	100
78) n-propylbenzene	12.83	91	945472	54.335	ug/l	100
79) 2-Chlorotoluene	12.91	91	529440	53.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	673498	54.446	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	42229	53.770	ug/l	100
82) 4-Chlorotoluene	13.01	91	558226	52.904	ug/l	100
83) tert-Butylbenzene	13.23	119	592431	55.147	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	655007	53.987	ug/l	100
85) sec-Butylbenzene	13.41	105	806263	54.282	ug/l	100
86) p-Isopropyltoluene	13.52	119	741308	55.427	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	367962	50.845	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	368695	50.831	ug/l	100
89) n-Butylbenzene	13.85	91	683204	55.227	ug/l	100
90) Hexachloroethane	14.12	117	144207	52.525	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	322591	52.060	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20500	52.392	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072120\
Data File : VD065974.D
Acq On : 21 Jul 2020 11:16
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
7/22/2020 2:44:23 PM

Quant Time: Jul 21 12:14:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:03:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	232002	53.881	ug/l	100
94) Hexachlorobutadiene	15.27	225	143866	53.359	ug/l	100
95) Naphthalene	15.41	128	379063	57.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	201462	53.463	ug/l	100

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

