

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110920\
 Data File : VD067571.D
 Acq On : 09 Nov 2020 17:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:11:43 PM

Quant Time: Nov 10 01:10:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	301765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	443133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	404989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	207106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	128872	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	7.92	113	127799	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.34	98	451965	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.64	95	162489	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	116110	47.287	ug/l	99
3) Chloromethane	2.21	50	79830	42.482	ug/l	99
4) Vinyl Chloride	2.35	62	88662	42.319	ug/l	98
5) Bromomethane	2.77	94	74605	43.934	ug/l	90
6) Chloroethane	2.92	64	56114	43.443	ug/l	93
7) Trichlorofluoromethane	3.27	101	254841	46.978	ug/l	97
8) Diethyl Ether	3.71	74	56852	52.012	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	130536	47.672	ug/l	99
10) Methyl Iodide	4.30	142	139705	47.603	ug/l	99
11) Tert butyl alcohol	5.23	59	33406	297.637	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	121194	48.118	ug/l	97
13) Acrolein	3.92	56	41851	345.174	ug/l	94
14) Allyl chloride	4.71	41	131487	48.778	ug/l	98
15) Acrylonitrile	5.42	53	105973	262.272	ug/l	99
16) Acetone	4.16	43	100600	254.779	ug/l	100
17) Carbon Disulfide	4.41	76	352360	45.655	ug/l	100
18) Methyl Acetate	4.71	43	46390	56.854	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	270354	54.418	ug/l	95
20) Methylene Chloride	4.97	84	141640	50.782	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	138329	47.153	ug/l	94
22) Diisopropyl ether	6.37	45	276568	52.649	ug/l	97
23) Vinyl Acetate	6.31	43	736274	267.766	ug/l	99
24) 1,1-Dichloroethane	6.27	63	211661	49.253	ug/l	97
25) 2-Butanone	7.21	43	112579	266.832	ug/l	91
26) 2,2-Dichloropropane	7.21	77	221180	48.766	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	151657	49.806	ug/l	96
28) Bromochloromethane	7.55	49	79918	52.281	ug/l	96
29) Tetrahydrofuran	7.56	42	69939	276.739	ug/l	98
30) Chloroform	7.71	83	264308	51.554	ug/l	97
31) Cyclohexane	7.99	56	167848	43.860	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	255322	48.267	ug/l	99
36) 1,1-Dichloropropene	8.11	75	187431	49.413	ug/l	98
37) Ethyl Acetate	7.29	43	51243	52.035	ug/l	98
38) Carbon Tetrachloride	8.10	117	249066	50.538	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	223121	49.977	ug/l	94
40) Benzene	8.36	78	515285	50.151	ug/l	99
41) Methacrylonitrile	7.53	41	30170	51.254	ug/l #	74
42) 1,2-Dichloroethane	8.43	62	167151	52.653	ug/l	99
43) Isopropyl Acetate	8.46	43	106896	54.887	ug/l	99
44) Trichloroethene	9.12	130	166932	49.411	ug/l	86
45) 1,2-Dichloropropane	9.39	63	112725	50.744	ug/l	96
46) Dibromomethane	9.48	93	74394	52.669	ug/l	97
47) Bromodichloromethane	9.67	83	200757	52.293	ug/l	96
48) Methyl methacrylate	9.46	41	50382	50.103	ug/l #	81
49) 1,4-Dioxane	9.47	88	15831	1104.052	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	260145	279.296	ug/l	99
52) Toluene	10.41	92	361684	52.555	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	176347	53.633	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	203329	52.048	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	100769	53.920	ug/l	94
56) Ethyl methacrylate	10.67	69	104466	54.130	ug/l	100
57) 1,3-Dichloropropane	10.95	76	158561	52.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	251288	279.215	ug/l	100
59) 2-Hexanone	10.99	43	188034	288.724	ug/l	99
60) Dibromochloromethane	11.14	129	148027	53.544	ug/l	99
61) 1,2-Dibromoethane	11.25	107	99077	52.822	ug/l	97
64) Tetrachloroethene	10.88	164	151845	50.626	ug/l	96
65) Chlorobenzene	11.67	112	394841	50.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	161959	52.675	ug/l	100
67) Ethyl Benzene	11.75	91	699002	52.362	ug/l	98
68) m/p-Xylenes	11.86	106	546783	105.282	ug/l	98
69) o-Xylene	12.18	106	245716	52.992	ug/l	99
70) Styrene	12.20	104	428696	53.057	ug/l	99
71) Bromoform	12.37	173	87109	55.550	ug/l #	99
73) Isopropylbenzene	12.48	105	694896	51.916	ug/l	99
74) N-amyl acetate	12.29	43	96520	54.802	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	97153	53.229	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	59422m	47.561	ug/l	
77) Bromobenzene	12.77	156	174312	53.028	ug/l	96
78) n-propylbenzene	12.83	91	787642	51.446	ug/l	100
79) 2-Chlorotoluene	12.91	91	451692	51.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	602213	52.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	31388	51.006	ug/l	96
82) 4-Chlorotoluene	13.01	91	483204	51.805	ug/l	99
83) tert-Butylbenzene	13.23	119	498549	51.447	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	609353	53.539	ug/l	99
85) sec-Butylbenzene	13.40	105	678087	51.835	ug/l	100
86) p-Isopropyltoluene	13.52	119	650615	51.503	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	321383	51.238	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	315780	49.720	ug/l	98
89) n-Butylbenzene	13.85	91	572555	52.473	ug/l	99
90) Hexachloroethane	14.11	117	120430	50.624	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	281533	51.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18643	57.690	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	197725	53.665	ug/l	98
94) Hexachlorobutadiene	15.27	225	120029	48.676	ug/l	100
95) Naphthalene	15.40	128	328987	57.859	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	170759	54.121	ug/l	98

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

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