

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067072.D
 Acq On : 05 Oct 2020 09:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:04 PM

Quant Time: Oct 06 07:27:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	508907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	762172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	682013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	336356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224580	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	7.91	113	251615	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.34	98	933331	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.63	95	319745	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	207528	50.727	ug/l	100
3) Chloromethane	2.21	50	170385	42.041	ug/l	99
4) Vinyl Chloride	2.35	62	174555	42.954	ug/l	96
5) Bromomethane	2.77	94	126883	48.292	ug/l	94
6) Chloroethane	2.92	64	106568	43.061	ug/l	95
7) Trichlorofluoromethane	3.27	101	404289	44.778	ug/l	95
8) Diethyl Ether	3.71	74	105269	47.018	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	236320	46.309	ug/l	99
10) Methyl Iodide	4.30	142	228015	45.984	ug/l	98
11) Tert butyl alcohol	5.21	59	58886	194.121	ug/l	100
12) 1,1-Dichloroethene	4.07	96	219688	45.794	ug/l	97
13) Acrolein	3.92	56	63822	194.448	ug/l	99
14) Allyl chloride	4.71	41	300125	48.157	ug/l	98
15) Acrylonitrile	5.42	53	184678	224.117	ug/l	96
16) Acetone	4.16	43	216497	289.335	ug/l	100
17) Carbon Disulfide	4.41	76	680100	46.194	ug/l	100
18) Methyl Acetate	4.71	43	84669	45.022	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	417948	47.724	ug/l	96
20) Methylene Chloride	4.96	84	252196	47.070	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	260913	47.790	ug/l	91
22) Diisopropyl ether	6.36	45	541533	47.596	ug/l	99
23) Vinyl Acetate	6.30	43	1573561	244.064	ug/l	99
24) 1,1-Dichloroethane	6.26	63	401771	45.756	ug/l	99
25) 2-Butanone	7.21	43	229608	216.436	ug/l	93
26) 2,2-Dichloropropane	7.21	77	377962	50.369	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	275586	47.264	ug/l	99
28) Bromochloromethane	7.55	49	157415	46.421	ug/l	97
29) Tetrahydrofuran	7.56	42	137487	225.394	ug/l	98
30) Chloroform	7.71	83	442826	46.490	ug/l	98
31) Cyclohexane	7.98	56	331851	45.080	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	410118	46.458	ug/l	98
36) 1,1-Dichloropropene	8.11	75	340653	47.950	ug/l	98
37) Ethyl Acetate	7.29	43	110634	44.953	ug/l	98
38) Carbon Tetrachloride	8.10	117	376409	48.969	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	379107	50.474	ug/l	97
40) Benzene	8.35	78	962146	48.759	ug/l	98
41) Methacrylonitrile	7.52	41	57942	43.578	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	253772	46.024	ug/l	100
43) Isopropyl Acetate	8.45	43	204949	45.204	ug/l	97
44) Trichloroethene	9.11	130	292360	49.617	ug/l	97
45) 1,2-Dichloropropane	9.38	63	225076	48.545	ug/l	93
46) Dibromomethane	9.47	93	129399	48.559	ug/l	99
47) Bromodichloromethane	9.66	83	335612	48.450	ug/l	97
48) Methyl methacrylate	9.45	41	100522	43.276	ug/l #	83
49) 1,4-Dioxane	9.46	88	27147	976.099	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	523804	231.943	ug/l	99
52) Toluene	10.40	92	636239	50.054	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	302772	48.907	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	367320	48.589	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	174528	47.108	ug/l	92
56) Ethyl methacrylate	10.66	69	199295	52.103	ug/l	98
57) 1,3-Dichloropropane	10.94	76	287246	47.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	564759	265.276	ug/l	99
59) 2-Hexanone	10.98	43	375918	249.397	ug/l	99
60) Dibromochloromethane	11.14	129	238555	48.311	ug/l	97
61) 1,2-Dibromoethane	11.24	107	169409	47.596	ug/l	95
64) Tetrachloroethene	10.87	164	244543	49.321	ug/l	96
65) Chlorobenzene	11.67	112	672222	49.558	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	252736	48.983	ug/l	98
67) Ethyl Benzene	11.74	91	1211124	52.111	ug/l	97
68) m/p-Xylenes	11.85	106	921717	101.764	ug/l	98
69) o-Xylene	12.18	106	419343	51.773	ug/l	95
70) Styrene	12.20	104	725973	52.197	ug/l	100
71) Bromoform	12.36	173	131274	49.014	ug/l #	96
73) Isopropylbenzene	12.48	105	1179689	51.652	ug/l	100
74) N-amyl acetate	12.29	43	194365	47.340	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	177569	46.145	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	118166m	40.333	ug/l	
77) Bromobenzene	12.76	156	274888	49.846	ug/l	96
78) n-propylbenzene	12.82	91	1368089	50.685	ug/l	98
79) 2-Chlorotoluene	12.91	91	769383	49.820	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	988935	51.250	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	57668	49.073	ug/l	94
82) 4-Chlorotoluene	13.01	91	816818	49.713	ug/l	99
83) tert-Butylbenzene	13.23	119	840809	51.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	977760	50.774	ug/l	98
85) sec-Butylbenzene	13.40	105	1167234	51.008	ug/l	99
86) p-Isopropyltoluene	13.52	119	1078389	50.831	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	523634	48.747	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	515562	48.001	ug/l	100
89) n-Butylbenzene	13.85	91	1000934	51.624	ug/l	99
90) Hexachloroethane	14.11	117	183369	49.343	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	459527	48.984	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27708	44.669	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	311495	51.333	ug/l	99
94) Hexachlorobutadiene	15.28	225	190960	51.242	ug/l	97
95) Naphthalene	15.41	128	522223	51.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	265856	50.470	ug/l	97

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

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