

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067204.D
 Acq On : 09 Oct 2020 11:06
 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

apatel
 10/12/2020 10:42:02 AM

Quant Time: Oct 10 00:19:06 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	355617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	462037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	152546	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	7.91	113	163061	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.34	98	592935	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.64	95	205496	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	173593	61.807	ug/l	98
3) Chloromethane	2.21	50	115792	40.886	ug/l	99
4) Vinyl Chloride	2.35	62	130184	45.844	ug/l	96
5) Bromomethane	2.77	94	95022	52.095	ug/l	96
6) Chloroethane	2.92	64	77862	45.023	ug/l	97
7) Trichlorofluoromethane	3.27	101	319855	50.697	ug/l	99
8) Diethyl Ether	3.71	74	67857	43.372	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171453	48.080	ug/l	96
10) Methyl Iodide	4.30	142	169133	48.813	ug/l	97
11) Tert butyl alcohol	5.21	59	46113	224.817	ug/l	99
12) 1,1-Dichloroethene	4.07	96	156657	46.731	ug/l	96
13) Acrolein	3.92	56	50023	218.102	ug/l	95
14) Allyl chloride	4.71	41	178404	40.966	ug/l	88
15) Acrylonitrile	5.42	53	119650	207.792	ug/l	97
16) Acetone	4.15	43	135824	259.765	ug/l	97
17) Carbon Disulfide	4.41	76	451677	43.903	ug/l	99
18) Methyl Acetate	4.72	43	52667	40.077	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	296961	48.525	ug/l	95
20) Methylene Chloride	4.96	84	173026	46.059	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	182002	47.706	ug/l	96
22) Diisopropyl ether	6.37	45	329488	41.442	ug/l	97
23) Vinyl Acetate	6.31	43	974809	216.370	ug/l	95
24) 1,1-Dichloroethane	6.27	63	273946	44.647	ug/l	98
25) 2-Butanone	7.21	43	145394	196.131	ug/l	91
26) 2,2-Dichloropropane	7.21	77	288430	55.420	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	192233	47.180	ug/l	98
28) Bromochloromethane	7.54	49	94306	39.799	ug/l #	81
29) Tetrahydrofuran	7.56	42	81414	191.001	ug/l #	87
30) Chloroform	7.71	83	326937	49.119	ug/l	99
31) Cyclohexane	7.98	56	212662	41.341	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	326343	52.904	ug/l	98
36) 1,1-Dichloropropene	8.11	75	242425	51.306	ug/l	98
37) Ethyl Acetate	7.30	43	66729	40.765	ug/l	99
38) Carbon Tetrachloride	8.10	117	307729	60.192	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	269215	53.891	ug/l	94
40) Benzene	8.36	78	659756	50.270	ug/l	100
41) Methacrylonitrile	7.53	41	39621	44.803	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	189446	51.658	ug/l	99
43) Isopropyl Acetate	8.46	43	135180	44.828	ug/l	94
44) Trichloroethene	9.11	130	210183	53.632	ug/l	99
45) 1,2-Dichloropropane	9.38	63	149036	48.330	ug/l	94
46) Dibromomethane	9.48	93	91623	51.696	ug/l	96
47) Bromodichloromethane	9.66	83	241684	52.459	ug/l	97
48) Methyl methacrylate	9.46	41	69162	44.768	ug/l	85
49) 1,4-Dioxane	9.46	88	17767	960.496	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	339634	226.117	ug/l	97
52) Toluene	10.40	92	453082	53.592	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	221884	53.887	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	259611	51.633	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	124152	50.384	ug/l	97
56) Ethyl methacrylate	10.66	69	135700	53.340	ug/l	95
57) 1,3-Dichloropropane	10.95	76	202511	50.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	361587	255.363	ug/l	94
59) 2-Hexanone	10.98	43	242716	242.106	ug/l	96
60) Dibromochloromethane	11.14	129	177023	53.901	ug/l	96
61) 1,2-Dibromoethane	11.25	107	123812	52.300	ug/l	99
64) Tetrachloroethene	10.88	164	184827	55.024	ug/l	91
65) Chlorobenzene	11.67	112	485146	52.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	187776	53.720	ug/l	99
67) Ethyl Benzene	11.75	91	850775	54.035	ug/l	98
68) m/p-Xylenes	11.86	106	668228	108.902	ug/l	97
69) o-Xylene	12.18	106	301945	55.027	ug/l	94
70) Styrene	12.20	104	516117	54.776	ug/l	98
71) Bromoform	12.36	173	98301	54.177	ug/l #	99
73) Isopropylbenzene	12.48	105	868467	55.345	ug/l	99
74) N-amyl acetate	12.29	43	125947	44.648	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	119927	45.360	ug/l	94
76) 1,2,3-Trichloropropane	12.79	75	90494m	44.956	ug/l	
77) Bromobenzene	12.77	156	203501	53.708	ug/l	93
78) n-propylbenzene	12.83	91	1005754	54.233	ug/l	98
79) 2-Chlorotoluene	12.91	91	561313	52.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	733535	55.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	40556	50.230	ug/l	98
82) 4-Chlorotoluene	13.01	91	596649	52.852	ug/l	100
83) tert-Butylbenzene	13.23	119	637405	57.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	735972	55.625	ug/l	97
85) sec-Butylbenzene	13.41	105	877462	55.810	ug/l	100
86) p-Isopropyltoluene	13.52	119	806641	55.339	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	384305	52.071	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	382923	51.890	ug/l	99
89) n-Butylbenzene	13.85	91	737007	55.325	ug/l	98
90) Hexachloroethane	14.12	117	138078	54.079	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	331327	51.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20718	48.612	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	232872	55.856	ug/l	99
94) Hexachlorobutadiene	15.28	225	154590	60.376	ug/l	97
95) Naphthalene	15.41	128	390284	56.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	199414	55.099	ug/l	97

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

