

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090120\
 Data File : VD066512.D
 Acq On : 01 Sep 2020 22:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 02:15:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	159608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	231513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	216588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117662	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	94887	60.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.28%	
35) Dibromofluoromethane	7.91	113	76940	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.34	98	275364	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.63	95	101573	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	59815	44.082	ug/l	93
3) Chloromethane	2.20	50	42970	44.676	ug/l	96
4) Vinyl Chloride	2.35	62	49614	48.044	ug/l	92
5) Bromomethane	2.76	94	43683	56.553	ug/l	97
6) Chloroethane	2.92	64	35479	53.654	ug/l	96
7) Trichlorofluoromethane	3.27	101	148404	52.848	ug/l	100
8) Diethyl Ether	3.70	74	34231	54.406	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.09	101	64301	46.399	ug/l	94
10) Methyl Iodide	4.30	142	68731	43.484	ug/l	95
11) Tert butyl alcohol	5.23	59	27961	324.871	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	63003	48.432	ug/l	98
13) Acrolein	3.92	56	10380	149.381	ug/l	98
14) Allyl chloride	4.71	41	80614	46.428	ug/l	86
15) Acrylonitrile	5.42	53	63557	251.769	ug/l	99
16) Acetone	4.16	43	57883	205.181	ug/l	95
17) Carbon Disulfide	4.41	76	172966	43.874	ug/l	98
18) Methyl Acetate	4.72	43	27567	52.065	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	180218	57.535	ug/l	94
20) Methylene Chloride	4.96	84	78199	52.145	ug/l #	95
21) trans-1,2-Dichloroethene	5.47	96	75659	49.964	ug/l	93
22) Diisopropyl ether	6.36	45	159581	47.470	ug/l #	91
23) Vinyl Acetate	6.30	43	506455	243.357	ug/l	98
24) 1,1-Dichloroethane	6.26	63	121246	51.037	ug/l	98
25) 2-Butanone	7.21	43	73778	230.368	ug/l	94
26) 2,2-Dichloropropane	7.20	77	130925	51.419	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	85599	52.756	ug/l	99
28) Bromochloromethane	7.54	49	38795	47.408	ug/l	87
29) Tetrahydrofuran	7.56	42	43649	239.956	ug/l	91
30) Chloroform	7.71	83	154555	56.230	ug/l	97
31) Cyclohexane	7.98	56	87446	40.247	ug/l #	85
32) 1,1,1-Trichloroethane	7.90	97	160185	56.943	ug/l	99
36) 1,1-Dichloropropene	8.11	75	102056	48.313	ug/l	98
37) Ethyl Acetate	7.30	43	32975	45.897	ug/l #	95
38) Carbon Tetrachloride	8.09	117	152509	55.415	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	115779	46.528	ug/l	96
40) Benzene	8.34	78	282009	50.748	ug/l	100
41) Methacrylonitrile	7.52	41	20064	45.285	ug/l #	96
42) 1,2-Dichloroethane	8.42	62	119735	61.176	ug/l	99
43) Isopropyl Acetate	8.45	43	72298	50.135	ug/l	98
44) Trichloroethene	9.11	130	94855	52.531	ug/l	96
45) 1,2-Dichloropropane	9.38	63	58750	46.634	ug/l	98
46) Dibromomethane	9.47	93	41952	53.484	ug/l	95
47) Bromodichloromethane	9.66	83	122311	56.701	ug/l	96
48) Methyl methacrylate	9.45	41	40501	54.465	ug/l	86
49) 1,4-Dioxane	9.46	88	9205	1010.648	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	180941	259.373	ug/l	98
52) Toluene	10.40	92	199945	53.107	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	109741	53.615	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	117389	51.094	ug/l	90
55) 1,1,2-Trichloroethane	10.80	97	53773	50.639	ug/l	97
56) Ethyl methacrylate	10.66	69	68872	56.027	ug/l	94
57) 1,3-Dichloropropane	10.94	76	93454	53.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	123818	242.521	ug/l	91
59) 2-Hexanone	10.98	43	124568	253.151	ug/l	99
60) Dibromochloromethane	11.14	129	90538	56.564	ug/l	98
61) 1,2-Dibromoethane	11.24	107	56060	53.646	ug/l	99
64) Tetrachloroethene	10.87	164	88306	53.746	ug/l	96
65) Chlorobenzene	11.67	112	228198	52.958	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	96851	54.999	ug/l	99
67) Ethyl Benzene	11.74	91	402800	53.105	ug/l	97
68) m/p-Xylenes	11.85	106	303623	105.022	ug/l	96
69) o-Xylene	12.18	106	145530	54.110	ug/l	100
70) Styrene	12.20	104	250504	54.244	ug/l	97
71) Bromoform	12.36	173	56413	56.465	ug/l #	98
73) Isopropylbenzene	12.48	105	410150	52.036	ug/l	98
74) N-amyl acetate	12.28	43	68263	47.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	52579	46.696	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	46124m	55.722	ug/l	
77) Bromobenzene	12.76	156	105655	52.812	ug/l	98
78) n-propylbenzene	12.82	91	437238	48.380	ug/l	97
79) 2-Chlorotoluene	12.91	91	258371	50.055	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	353049	51.877	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18298	46.923	ug/l	87
82) 4-Chlorotoluene	13.01	91	273956	50.095	ug/l	98
83) tert-Butylbenzene	13.23	119	306419	51.837	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	353937	52.950	ug/l	98
85) sec-Butylbenzene	13.40	105	383257	49.486	ug/l	98
86) p-Isopropyltoluene	13.52	119	385789	51.660	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	192590	51.572	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	189252	50.472	ug/l	98
89) n-Butylbenzene	13.84	91	319208	48.438	ug/l	98
90) Hexachloroethane	14.11	117	72035	48.830	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	170054	52.897	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13200	55.895	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	134468	53.578	ug/l	99
94) Hexachlorobutadiene	15.27	225	79528	50.990	ug/l	99
95) Naphthalene	15.40	128	224725	57.009	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	116199	54.047	ug/l	87

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

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