

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101719\
 Data File : VD063995.D
 Acq On : 17 Oct 2019 10:12
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 17 17:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	194879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	293080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	87868	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	7.92	113	95151	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	391987	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.64	95	134445	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58106	42.044	ug/l	98
3) Chloromethane	2.21	50	182761	48.856	ug/l	99
4) Vinyl Chloride	2.35	62	217973	48.799	ug/l	100
5) Bromomethane	2.77	94	131586	45.822	ug/l	96
6) Chloroethane	2.93	64	137522	46.554	ug/l	90
7) Trichlorofluoromethane	3.27	101	302404	51.205	ug/l	98
8) Diethyl Ether	3.71	74	40644	42.877	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75341	46.087	ug/l	95
10) Methyl Iodide	4.30	142	95706	42.487	ug/l	99
11) Tert butyl alcohol	5.25	59	26202	197.090	ug/l	94
12) 1,1-Dichloroethene	4.06	96	74461	45.591	ug/l	89
13) Acrolein	3.93	56	30456	179.729	ug/l	86
14) Allyl chloride	4.71	41	120559	44.399	ug/l	97
15) Acrylonitrile	5.43	53	93644	224.072	ug/l	98
16) Acetone	4.17	43	126077	255.233	ug/l #	87
17) Carbon Disulfide	4.40	76	243599	41.031	ug/l #	85
18) Methyl Acetate	4.72	43	44379	45.934	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	186099	44.003	ug/l	96
20) Methylene Chloride	4.96	84	94503	42.676	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	95451	46.946	ug/l	99
22) Diisopropyl ether	6.37	45	259040	46.710	ug/l	98
23) Vinyl Acetate	6.31	43	760829	230.621	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162907	47.691	ug/l	96
25) 2-Butanone	7.22	43	143059	244.376	ug/l	99
26) 2,2-Dichloropropane	7.21	77	145065	46.946	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	109942	47.773	ug/l	96
28) Bromochloromethane	7.54	49	66013	50.800	ug/l	100
29) Tetrahydrofuran	7.57	42	72718	212.818	ug/l	97
30) Chloroform	7.71	83	174716	47.092	ug/l	100
31) Cyclohexane	7.98	56	152043	54.169	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	159945	50.257	ug/l	98
36) 1,1-Dichloropropene	8.11	75	138032	51.510	ug/l	98
37) Ethyl Acetate	7.30	43	50595	46.834	ug/l	97
38) Carbon Tetrachloride	8.10	117	148618	54.882	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	180719	54.849	ug/l	91
40) Benzene	8.35	78	395566	51.511	ug/l	96
41) Methacrylonitrile	7.53	41	31859	51.280	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	107303	48.306	ug/l	98
43) Isopropyl Acetate	8.46	43	101516	45.173	ug/l	99
44) Trichloroethene	9.11	130	112881	50.976	ug/l	97
45) 1,2-Dichloropropane	9.39	63	94768	50.419	ug/l	89
46) Dibromomethane	9.48	93	55482	51.830	ug/l	96
47) Bromodichloromethane	9.67	83	136924	49.682	ug/l	99
48) Methyl methacrylate	9.46	41	47742	44.339	ug/l	100
49) 1,4-Dioxane	9.47	88	13945	954.371	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	272321	233.652	ug/l	98
52) Toluene	10.41	92	278212	52.775	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	134531	50.023	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	157762	50.961	ug/l	93
55) 1,1,2-Trichloroethane	10.81	97	75625	50.035	ug/l	94
56) Ethyl methacrylate	10.67	69	89602	46.813	ug/l	99
57) 1,3-Dichloropropane	10.95	76	125662	48.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	196172	238.443	ug/l	98
59) 2-Hexanone	10.99	43	214856	254.845	ug/l	100
60) Dibromochloromethane	11.14	129	101991	51.831	ug/l	97
61) 1,2-Dibromoethane	11.25	107	76167	51.981	ug/l	100
64) Tetrachloroethene	10.88	164	102888	52.054	ug/l	96
65) Chlorobenzene	11.67	112	310210	53.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	113095	52.786	ug/l	99
67) Ethyl Benzene	11.75	91	551947	52.643	ug/l	96
68) m/p-Xylenes	11.86	106	448774	110.894	ug/l	96
69) o-Xylene	12.18	106	201686	52.047	ug/l	100
70) Styrene	12.20	104	349028	53.206	ug/l	100
71) Bromoform	12.36	173	64383	55.993	ug/l #	97
73) Isopropylbenzene	12.48	105	554789	48.359	ug/l	97
74) N-amyl acetate	12.29	43	101693	41.171	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	87593	43.877	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	61261m	53.597	ug/l	
77) Bromobenzene	12.76	156	136188	47.648	ug/l	95
78) n-propylbenzene	12.83	91	669016	49.682	ug/l	100
79) 2-Chlorotoluene	12.91	91	356244	47.978	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	464616	48.544	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28374	43.929	ug/l	98
82) 4-Chlorotoluene	13.01	91	368502	46.784	ug/l	98
83) tert-Butylbenzene	13.23	119	431176	50.619	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	470339	47.668	ug/l	99
85) sec-Butylbenzene	13.40	105	572492	49.768	ug/l	99
86) p-Isopropyltoluene	13.52	119	554327	50.925	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	276000	48.871	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	273180	49.031	ug/l	98
89) n-Butylbenzene	13.85	91	518855	51.208	ug/l	98
90) Hexachloroethane	14.12	117	103159	52.692	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	240929	49.503	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14256	45.753	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	180045	47.943	ug/l	99
94) Hexachlorobutadiene	15.27	225	103199	49.798	ug/l	95
95) Naphthalene	15.41	128	296584	46.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	152380	47.029	ug/l	100

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

