

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072718\
 Data File : VD059617.D
 Acq On : 27 Jul 2018 17:24
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 28 01:20:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	146146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	172385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	144557	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	73391	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	91981	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	5.52	113	84140	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
50) Toluene-d8	8.69	98	173736	51.79	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.92	95	81705	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.31	85	80587	50.026	ug/l	91
3) Chloromethane	1.45	50	38543	42.197	ug/l	99
4) Vinyl Chloride	1.53	62	45948	48.338	ug/l	99
5) Bromomethane	1.76	94	12447	68.254	ug/l	91
6) Chloroethane	1.85	64	26780	96.305	ug/l	98
7) Trichlorofluoromethane	2.05	101	90873	56.037	ug/l	96
8) Diethyl Ether	2.32	74	15126	49.374	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.52	101	48322	56.552	ug/l	93
10) Methyl Iodide	2.66	142	56878	51.248	ug/l	97
11) Tert butyl alcohol	3.24	59	19616	267.621	ug/l	98
12) 1,1-Dichloroethene	2.52	96	35623	57.515	ug/l	96
13) Acrolein	2.45	56	9576	253.588	ug/l	83
14) Allyl chloride	2.89	41	80400	53.537	ug/l	95
15) Acrylonitrile	3.32	53	45090	283.645	ug/l	95
16) Acetone	2.58	43	80454	289.958	ug/l	97
17) Carbon Disulfide	2.72	76	123058	50.022	ug/l	99
18) Methyl Acetate	2.90	43	31087	56.027	ug/l	93
19) Methyl tert-butyl Ether	3.37	73	112348	54.119	ug/l #	91
20) Methylene Chloride	3.04	84	39055	49.364	ug/l	89
21) trans-1,2-Dichloroethene	3.35	96	36315	54.374	ug/l	98
22) Diisopropyl ether	4.04	45	191630	48.526	ug/l	99
23) Vinyl Acetate	3.98	43	607750	242.491	ug/l	100
24) 1,1-Dichloroethane	3.93	63	128450	51.525	ug/l	98
25) 2-Butanone	4.81	43	104867	247.838	ug/l	99
26) 2,2-Dichloropropane	4.77	77	138521	54.256	ug/l	100
27) cis-1,2-Dichloroethene	4.77	96	68012	50.982	ug/l	95
28) Bromochloromethane	5.11	49	49727	50.412	ug/l	95
29) Tetrahydrofuran	5.15	42	47241	241.125	ug/l	98
30) Chloroform	5.29	83	155777	52.245	ug/l	100
31) Cyclohexane	5.56	56	84579	53.232	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	155635	53.915	ug/l	97
36) 1,1-Dichloropropene	5.71	75	102006	58.970	ug/l	98
37) Ethyl Acetate	4.90	43	50721	57.001	ug/l	96
38) Carbon Tetrachloride	5.69	117	140020	59.113	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	86624	54.457	ug/l	97
40) Benzene	5.99	78	199493	56.238	ug/l	98
41) Methacrylonitrile	5.09	41	24299	54.721	ug/l #	93
42) 1,2-Dichloroethane	6.10	62	122598	57.363	ug/l	98
43) Isopropyl Acetate	7.59	43	71525	57.967	ug/l	98
44) Trichloroethene	6.95	130	72172	56.094	ug/l	98
45) 1,2-Dichloropropane	7.33	63	54474	54.836	ug/l	99
46) Dibromomethane	7.43	93	46426	55.290	ug/l	96
47) Bromodichloromethane	7.72	83	116239	57.961	ug/l	97
48) Methyl methacrylate	7.48	41	47714	58.309	ug/l	94
49) 1,4-Dioxane	7.46	88	8664	1128.953	ug/l	95
51) 4-Methyl-2-Pentanone	8.57	43	223715	271.512	ug/l	98
52) Toluene	8.78	92	128006	54.420	ug/l	91
53) t-1,3-Dichloropropene	9.17	75	101464	56.093	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	101738	56.639	ug/l	97
55) 1,1,2-Trichloroethane	9.43	97	49046	55.501	ug/l	99
56) Ethyl methacrylate	9.29	69	55754	55.609	ug/l	97
57) 1,3-Dichloropropane	9.65	76	78762	56.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.17	63	121025	256.898	ug/l	98
59) 2-Hexanone	9.77	43	175249	267.773	ug/l	97
60) Dibromochloromethane	9.94	129	83877	57.174	ug/l	96
61) 1,2-Dibromoethane	10.08	107	56703	54.147	ug/l	94
64) Tetrachloroethene	9.50	164	70671	53.948	ug/l	95
65) Chlorobenzene	10.71	112	143751	48.510	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.84	131	69189	53.677	ug/l	97
67) Ethyl Benzene	10.85	91	273717	53.733	ug/l	99
68) m/p-Xylenes	11.00	106	180876	106.318	ug/l	95
69) o-Xylene	11.40	106	85697	51.912	ug/l	93
70) Styrene	11.42	104	144419	52.763	ug/l	95
71) Bromoform	11.59	173	59080	56.288	ug/l #	96
73) Isopropylbenzene	11.76	105	270336	52.141	ug/l	100
74) N-amyl acetate	11.63	43	88879	50.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	56214	53.106	ug/l	95
76) 1,2,3-Trichloropropane	12.11	75	64346	53.018	ug/l	96
77) Bromobenzene	12.03	156	80702	53.173	ug/l	94
78) n-propylbenzene	12.15	91	330510	52.466	ug/l	98
79) 2-Chlorotoluene	12.20	91	197858	52.681	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	211229	51.601	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.83	75	17140	55.237	ug/l	84
82) 4-Chlorotoluene	12.31	91	223707	52.669	ug/l	88
83) tert-Butylbenzene	12.57	119	232240	50.395	ug/l	98
84) 1,2,4-Trimethylbenzene	12.62	105	216943	49.856	ug/l	99
85) sec-Butylbenzene	12.75	105	270450	51.357	ug/l	97
86) p-Isopropyltoluene	12.87	119	226253	50.979	ug/l	97
87) 1,3-Dichlorobenzene	12.83	146	135695	52.863	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	129272	52.272	ug/l	99
89) n-Butylbenzene	13.19	91	218098	50.899	ug/l	99
90) Hexachloroethane	13.40	117	62108	52.370	ug/l	97
91) 1,2-Dichlorobenzene	13.19	146	103851	48.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	12265	57.474	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	96446	54.074	ug/l	98
94) Hexachlorobutadiene	14.43	225	80012	56.871	ug/l	98
95) Naphthalene	14.51	128	133574	52.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	88252	54.681	ug/l	98

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

