

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072718\
 Data File : VD059623.D
 Acq On : 27 Jul 2018 20:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 28 01:25:15 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	119449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	152687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	135029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	67306	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	79237	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.51	113	72103	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	8.69	98	149996	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.92	95	70273	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.31	85	70329	53.868	ug/l	95
3) Chloromethane	1.46	50	28167	37.729	ug/l	94
4) Vinyl Chloride	1.52	62	36890	47.483	ug/l	96
5) Bromomethane	1.75	94	10944	73.425	ug/l	88
6) Chloroethane	1.83	64	20649	90.854	ug/l	93
7) Trichlorofluoromethane	2.05	101	80394	60.655	ug/l	96
8) Diethyl Ether	2.31	74	12525	49.984	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.52	101	41451	59.353	ug/l	92
10) Methyl Iodide	2.66	142	46331	51.081	ug/l	96
11) Tert butyl alcohol	3.23	59	16745	279.511	ug/l #	89
12) 1,1-Dichloroethene	2.51	96	30542	60.333	ug/l	98
13) Acrolein	2.44	56	9030	292.575	ug/l #	74
14) Allyl chloride	2.88	41	63748	51.936	ug/l	96
15) Acrylonitrile	3.31	53	39055	300.591	ug/l	98
16) Acetone	2.58	43	57618	254.068	ug/l	99
17) Carbon Disulfide	2.71	76	96633	48.059	ug/l	98
18) Methyl Acetate	2.90	43	25851	57.003	ug/l	95
19) Methyl tert-butyl Ether	3.36	73	99074	58.391	ug/l	99
20) Methylene Chloride	3.03	84	32996	51.027	ug/l	92
21) trans-1,2-Dichloroethene	3.34	96	31418	57.556	ug/l	96
22) Diisopropyl ether	4.03	45	160176	49.627	ug/l	100
23) Vinyl Acetate	3.97	43	511045	249.479	ug/l	100
24) 1,1-Dichloroethane	3.92	63	107605	52.811	ug/l	97
25) 2-Butanone	4.80	43	83987	242.854	ug/l	99
26) 2,2-Dichloropropane	4.75	77	109935	52.683	ug/l	95
27) cis-1,2-Dichloroethene	4.76	96	58650	53.791	ug/l	95
28) Bromochloromethane	5.11	49	44048	54.635	ug/l #	96
29) Tetrahydrofuran	5.15	42	38566	240.842	ug/l	97
30) Chloroform	5.28	83	135945	55.784	ug/l	99
31) Cyclohexane	5.56	56	67751	52.046	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	130216	55.192	ug/l	98
36) 1,1-Dichloropropene	5.71	75	81798	53.388	ug/l	99
37) Ethyl Acetate	4.89	43	45393	57.595	ug/l	99
38) Carbon Tetrachloride	5.69	117	117697	56.099	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	72169	51.223	ug/l	96
40) Benzene	5.98	78	166449	52.976	ug/l	98
41) Methacrylonitrile	5.10	41	20191	51.335	ug/l	96
42) 1,2-Dichloroethane	6.10	62	105478	55.719	ug/l	99
43) Isopropyl Acetate	7.59	43	57358	52.483	ug/l	98
44) Trichloroethene	6.95	130	63173	55.434	ug/l	97
45) 1,2-Dichloropropane	7.32	63	44744	50.852	ug/l	100
46) Dibromomethane	7.44	93	41978	56.443	ug/l	99
47) Bromodichloromethane	7.71	83	105221	59.236	ug/l	98
48) Methyl methacrylate	7.49	41	40478	55.848	ug/l	95
49) 1,4-Dioxane	7.47	88	7369	1084.967	ug/l	97
51) 4-Methyl-2-Pentanone	8.58	43	191605	262.542	ug/l	99
52) Toluene	8.77	92	108879	52.260	ug/l	92
53) t-1,3-Dichloropropene	9.17	75	85180	53.166	ug/l	98
54) cis-1,3-Dichloropropene	8.34	75	85392	53.672	ug/l	96
55) 1,1,2-Trichloroethane	9.43	97	42585	54.407	ug/l	95
56) Ethyl methacrylate	9.30	69	48490	54.603	ug/l	100
57) 1,3-Dichloropropane	9.64	76	68770	55.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.16	63	113523	272.061	ug/l	100
59) 2-Hexanone	9.77	43	146199	252.205	ug/l	99
60) Dibromochloromethane	9.94	129	71895	55.329	ug/l	95
61) 1,2-Dibromoethane	10.07	107	48938	52.761	ug/l	99
64) Tetrachloroethene	9.49	164	59824	48.890	ug/l	95
65) Chlorobenzene	10.71	112	136609	49.353	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.83	131	62042	51.528	ug/l	98
67) Ethyl Benzene	10.84	91	229704	48.275	ug/l	96
68) m/p-Xylenes	11.00	106	143839	90.514	ug/l	93
69) o-Xylene	11.39	106	70556	45.756	ug/l	89
70) Styrene	11.42	104	121580	47.553	ug/l	97
71) Bromoform	11.59	173	51698	52.730	ug/l #	98
73) Isopropylbenzene	11.76	105	229278	48.220	ug/l	99
74) N-amyl acetate	11.64	43	79241	48.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	51022	52.559	ug/l	94
76) 1,2,3-Trichloropropane	12.10	75	57906	52.025	ug/l	98
77) Bromobenzene	12.03	156	67226	48.298	ug/l	88
78) n-propylbenzene	12.14	91	279076	48.306	ug/l	95
79) 2-Chlorotoluene	12.21	91	168290	48.859	ug/l	98
80) 1,3,5-Trimethylbenzene	12.31	105	183001	48.747	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.83	75	14260	50.110	ug/l	95
82) 4-Chlorotoluene	12.32	91	197214	50.630	ug/l	91
83) tert-Butylbenzene	12.57	119	198576	46.986	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	190304	47.688	ug/l	100
85) sec-Butylbenzene	12.75	105	231855	48.008	ug/l	97
86) p-Isopropyltoluene	12.88	119	194719	47.840	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	112329	47.716	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	115606	50.972	ug/l	97
89) n-Butylbenzene	13.19	91	193496	49.240	ug/l	97
90) Hexachloroethane	13.39	117	52305	48.092	ug/l	88
91) 1,2-Dichlorobenzene	13.18	146	91449	46.298	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.76	75	11315	57.816	ug/l	73

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	83791	51.226	ug/l	96
94) Hexachlorobutadiene	14.43	225	69257	53.677	ug/l	98
95) Naphthalene	14.51	128	112676	48.436	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	73423	49.606	ug/l	97

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

