

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060480.D
 Acq On : 4 Dec 2018 10:30
 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: Dec 05 02:23:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1532427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	2092015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1654021	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	852373	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	501175	45.68	ug/l	0.00
Spiked Amount						
			Recovery	=	91.36%	
35) Dibromofluoromethane	6.34	113	752388	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
50) Toluene-d8	9.47	98	2095983	45.91	ug/l	0.00
Spiked Amount						
			Recovery	=	91.82%	
62) 4-Bromofluorobenzene	12.43	95	760078	45.94	ug/l	-0.01
Spiked Amount						
			Recovery	=	91.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	593794	49.340	ug/l	96
3) Chloromethane	1.78	50	633616	43.651	ug/l	97
4) Vinyl Chloride	1.88	62	576243	48.610	ug/l	99
5) Bromomethane	2.17	94	135853	48.304	ug/l	97
6) Chloroethane	2.28	64	185702	47.212	ug/l	97
7) Trichlorofluoromethane	2.54	101	700865	50.147	ug/l	99
8) Diethyl Ether	2.85	74	134685	53.227	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.12	101	494097	53.750	ug/l	99
10) Methyl Iodide	3.28	142	558177	46.752	ug/l	99
11) Tert butyl alcohol	3.99	59	132731	294.587	ug/l #	92
12) 1,1-Dichloroethene	3.10	96	387548	51.830	ug/l	97
13) Acrolein	3.01	56	99688	187.245	ug/l	97
14) Allyl chloride	3.56	41	742322	51.885	ug/l	98
15) Acrylonitrile	4.11	53	710034	270.235	ug/l	99
16) Acetone	3.18	43	555322	291.770	ug/l	100
17) Carbon Disulfide	3.34	76	1096539	45.434	ug/l	98
18) Methyl Acetate	3.58	43	244972	60.364	ug/l	100
19) Methyl tert-butyl Ether	4.15	73	1194179	53.336	ug/l	99
20) Methylene Chloride	3.75	84	898680	53.228	ug/l	98
21) trans-1,2-Dichloroethene	4.12	96	874169	52.654	ug/l	100
22) Diisopropyl ether	4.88	45	2948089	55.155	ug/l	97
23) Vinyl Acetate	4.83	43	7289422	274.075	ug/l	100
24) 1,1-Dichloroethane	4.78	63	1481898	54.065	ug/l	99
25) 2-Butanone	5.64	43	1101309	278.383	ug/l	100
26) 2,2-Dichloropropane	5.61	77	1210568	56.808	ug/l	98
27) cis-1,2-Dichloroethene	5.62	96	950026	54.928	ug/l	99
28) Bromochloromethane	5.94	49	579705	47.933	ug/l	96
29) Tetrahydrofuran	5.97	42	545457	261.514	ug/l	98
30) Chloroform	6.12	83	1545380	56.397	ug/l	99
31) Cyclohexane	6.39	56	1264669	48.274	ug/l	96
32) 1,1,1-Trichloroethane	6.31	97	1276662	55.311	ug/l	99
36) 1,1-Dichloropropene	6.54	75	1154358	55.852	ug/l	99
37) Ethyl Acetate	5.72	43	522282	54.915	ug/l	97
38) Carbon Tetrachloride	6.51	117	1068152	55.713	ug/l	100

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39) Methylcyclohexane	8.05	83	1257963	52.919	ug/l	100
40) Benzene	6.81	78	2945886	55.838	ug/l	99
41) Methacrylonitrile	5.95	41	600947	55.206	ug/l #	91
42) 1,2-Dichloroethane	6.91	62	768247	55.633	ug/l	96
43) Isopropyl Acetate	8.36	43	659055	55.167	ug/l #	99
44) Trichloroethene	7.75	130	905793	56.637	ug/l	98
45) 1,2-Dichloropropane	8.12	63	764082	57.425	ug/l	98
46) Dibromomethane	8.23	93	439380	56.382	ug/l	98
47) Bromodichloromethane	8.50	83	1060206	57.734	ug/l	98
48) Methyl methacrylate	8.26	41	409995	56.499	ug/l	96
49) 1,4-Dioxane	8.25	88	72845	1160.202	ug/l	90
51) 4-Methyl-2-Pentanone	9.36	43	2135985	274.704	ug/l	98
52) Toluene	9.56	92	1862743	55.273	ug/l	100
53) t-1,3-Dichloropropene	9.93	75	878655	56.629	ug/l	99
54) cis-1,3-Dichloropropene	9.11	75	1145413	57.556	ug/l	98
55) 1,1,2-Trichloroethane	10.19	97	516781	52.907	ug/l	97
56) Ethyl methacrylate	10.04	69	519116	57.802	ug/l	97
57) 1,3-Dichloropropane	10.39	76	850936	57.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.93	63	1322915	243.616	ug/l	99
59) 2-Hexanone	10.50	43	1656812	298.958	ug/l	99
60) Dibromochloromethane	10.65	129	704518	59.335	ug/l	100
61) 1,2-Dibromoethane	10.76	107	555532	56.764	ug/l	99
64) Tetrachloroethene	10.26	164	809937	54.851	ug/l	97
65) Chlorobenzene	11.32	112	2041299	56.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	671565	57.272	ug/l	98
67) Ethyl Benzene	11.43	91	3403025	55.509	ug/l	100
68) m/p-Xylenes	11.57	106	2433978	107.628	ug/l	98
69) o-Xylene	11.94	106	1155207	52.875	ug/l	99
70) Styrene	11.97	104	1945501	55.100	ug/l	99
71) Bromoform	12.12	173	469011	59.523	ug/l	100
73) Isopropylbenzene	12.28	105	3350648	53.954	ug/l	100
74) N-amyl acetate	12.14	43	853310	53.595	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	555549	54.700	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	558066	54.732	ug/l	99
77) Bromobenzene	12.55	156	892668	54.115	ug/l	96
78) n-propylbenzene	12.64	91	4139930	53.408	ug/l	100
79) 2-Chlorotoluene	12.71	91	2308114	54.367	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	2548840	52.812	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	166881	57.488	ug/l	99
82) 4-Chlorotoluene	12.81	91	2477044	51.941	ug/l	97
83) tert-Butylbenzene	13.05	119	2941957	54.906	ug/l	92
84) 1,2,4-Trimethylbenzene	13.10	105	2602952	54.003	ug/l	100
85) sec-Butylbenzene	13.22	105	3623570	55.121	ug/l	98
86) p-Isopropyltoluene	13.34	119	2868878	54.192	ug/l	95
87) 1,3-Dichlorobenzene	13.31	146	1595501	54.364	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	1520063	53.033	ug/l	94
89) n-Butylbenzene	13.65	91	2832733	56.232	ug/l	97
90) Hexachloroethane	13.86	117	752196	59.921	ug/l	89
91) 1,2-Dichlorobenzene	13.67	146	1254638	52.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.23	75	65808	53.677	ug/l	67

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93) 1,2,4-Trichlorobenzene	14.79	180	1060599	55.491	ug/l	98
94) Hexachlorobutadiene	14.89	225	772615	54.045	ug/l	99
95) Naphthalene	14.98	128	1272978	54.545	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	830273	54.211	ug/l	97

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

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