

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060134.D
 Acq On : 5 Oct 2018 11:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/8/2018 12:22:52 PM

Quant Time: Oct 05 23:53:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1621608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2258779	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1805447	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	965343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	647515	52.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	6.31	113	876551	51.10	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	9.45	98	2517955	51.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.42	95	912977	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	763494	50.052	ug/l	100
3) Chloromethane	1.74	50	722588	52.533	ug/l	99
4) Vinyl Chloride	1.84	62	604976	53.744	ug/l	98
5) Bromomethane	2.14	94	107561	76.100	ug/l	100
6) Chloroethane	2.25	64	183364	59.693	ug/l	99
7) Trichlorofluoromethane	2.49	101	730883	54.226	ug/l	100
8) Diethyl Ether	2.82	74	155232	56.009	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.07	101	481481	57.341	ug/l	98
10) Methyl Iodide	3.23	142	502074	56.384	ug/l	99
11) Tert butyl alcohol	3.95	59	211659	240.094	ug/l	98
12) 1,1-Dichloroethene	3.05	96	377263	57.032	ug/l	97
13) Acrolein	2.96	56	131937	242.781	ug/l	97
14) Allyl chloride	3.52	41	751588	54.706	ug/l	97
15) Acrylonitrile	4.07	53	944865	258.944	ug/l	98
16) Acetone	3.14	43	637009	285.599	ug/l	99
17) Carbon Disulfide	3.30	76	1203242	54.091	ug/l	99
18) Methyl Acetate	3.54	43	264929	55.263	ug/l	96
19) Methyl tert-butyl Ether	4.11	73	1529557	52.590	ug/l	98
20) Methylene Chloride	3.70	84	913075	52.197	ug/l	97
21) trans-1,2-Dichloroethene	4.08	96	875824	51.264	ug/l	98
22) Diisopropyl ether	4.83	45	3210234	52.321	ug/l	94
23) Vinyl Acetate	4.78	43	8971929	260.143	ug/l	99
24) 1,1-Dichloroethane	4.74	63	1419705	51.033	ug/l	99
25) 2-Butanone	5.60	43	1511333	271.229	ug/l	99
26) 2,2-Dichloropropane	5.57	77	1180054	55.954	ug/l	100
27) cis-1,2-Dichloroethene	5.58	96	944821	52.198	ug/l	97
28) Bromochloromethane	5.91	49	728413	53.882	ug/l	98
29) Tetrahydrofuran	5.94	42	835201	258.049	ug/l	99
30) Chloroform	6.08	83	1506846	53.547	ug/l	98
31) Cyclohexane	6.35	56	1315292	49.391	ug/l	100
32) 1,1,1-Trichloroethane	6.28	97	1216582	52.769	ug/l	99
36) 1,1-Dichloropropene	6.51	75	1120937	51.932	ug/l	99
37) Ethyl Acetate	5.68	43	717474	50.078	ug/l	97
38) Carbon Tetrachloride	6.49	117	1040372	53.106	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	1273662	51.934	ug/l	98
40) Benzene	6.78	78	2903532	51.418	ug/l	99
41) Methacrylonitrile	5.92	41	390481m	48.220	ug/l	
42) 1,2-Dichloroethane	6.88	62	842752	52.055	ug/l	100
43) Isopropyl Acetate	8.34	43	967635	51.337	ug/l #	99
44) Trichloroethene	7.73	130	895303	51.218	ug/l	99
45) 1,2-Dichloropropane	8.09	63	773154	52.290	ug/l	99
46) Dibromomethane	8.20	93	482242	50.377	ug/l	93
47) Bromodichloromethane	8.48	83	1083775	53.135	ug/l	100
48) Methyl methacrylate	8.23	41	542464	50.525	ug/l	99
49) 1,4-Dioxane	8.22	88	99097	938.071	ug/l	99
51) 4-Methyl-2-Pentanone	9.33	43	3006416	252.885	ug/l	100
52) Toluene	9.54	92	1873566	51.517	ug/l	98
53) t-1,3-Dichloropropene	9.91	75	972190	52.677	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	1212596	53.207	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	599093	50.390	ug/l	99
56) Ethyl methacrylate	10.02	69	691124	52.661	ug/l	98
57) 1,3-Dichloropropane	10.37	76	918213	50.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.91	63	1896174	260.183	ug/l	97
59) 2-Hexanone	10.48	43	2216367	259.261	ug/l	99
60) Dibromochloromethane	10.63	129	763765	52.359	ug/l	95
61) 1,2-Dibromoethane	10.75	107	641484	50.780	ug/l	98
64) Tetrachloroethene	10.25	164	795501	50.306	ug/l	97
65) Chlorobenzene	11.31	112	2008002	51.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	692536	53.150	ug/l	99
67) Ethyl Benzene	11.42	91	3225115	50.964	ug/l	100
68) m/p-Xylenes	11.57	106	2403838	101.666	ug/l	96
69) o-Xylene	11.93	106	1211572	51.804	ug/l	98
70) Styrene	11.95	104	2009317	51.375	ug/l	99
71) Bromoform	12.11	173	583324	55.286	ug/l	98
73) Isopropylbenzene	12.27	105	3206459	50.348	ug/l	99
74) N-amyl acetate	12.13	43	1203337	51.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	702000	50.491	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	718811	51.705	ug/l	100
77) Bromobenzene	12.54	156	946355	51.136	ug/l	83
78) n-propylbenzene	12.64	91	3940671	49.832	ug/l	95
79) 2-Chlorotoluene	12.70	91	2263483	51.573	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	2489370	50.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.33	75	212610	54.427	ug/l	97
82) 4-Chlorotoluene	12.81	91	2503676	50.435	ug/l	99
83) tert-Butylbenzene	13.04	119	2930937	51.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	2513186	48.379	ug/l	99
85) sec-Butylbenzene	13.22	105	3291622	49.219	ug/l	100
86) p-Isopropyltoluene	13.34	119	2757429	50.269	ug/l	99
87) 1,3-Dichlorobenzene	13.31	146	1651412	51.217	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	1608965	49.680	ug/l	99
89) n-Butylbenzene	13.64	91	2743072	51.250	ug/l	99
90) Hexachloroethane	13.85	117	703305	55.400	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1377868	50.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.22	75	99394	53.541	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	1140653	49.568	ug/l	98
94) Hexachlorobutadiene	14.87	225	782032	51.126	ug/l	100
95) Naphthalene	14.96	128	1675191	49.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	968877	48.400	ug/l	98

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

