

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060175.D
 Acq On : 24 Oct 2018 11:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/25/2018 4:48:53 PM

Quant Time: Oct 25 03:47:07 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	6.40	168	1751964	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2485695	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1980818	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	1015717	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.78	65	690309	51.98	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.96%	
35) Dibromofluoromethane	6.33	113	979482	51.89	ug/l	0.03
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	9.46	98	2812806	52.26	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.43	95	1068843	53.04	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	844230	51.227	ug/l	99
3) Chloromethane	1.76	50	828988	55.785	ug/l	99
4) Vinyl Chloride	1.86	62	697877	57.384	ug/l	99
5) Bromomethane	2.14	94	106157	69.518	ug/l	95
6) Chloroethane	2.26	64	197405	59.482	ug/l	98
7) Trichlorofluoromethane	2.51	101	793539	54.494	ug/l	99
8) Diethyl Ether	2.83	74	177947	59.427	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.09	101	532764	58.728	ug/l	99
10) Methyl Iodide	3.25	142	552820	57.463	ug/l	97
11) Tert butyl alcohol	3.96	59	240903	252.934	ug/l	100
12) 1,1-Dichloroethene	3.08	96	416371	58.260	ug/l	96
13) Acrolein	2.98	56	139638	237.833	ug/l	98
14) Allyl chloride	3.54	41	862380	58.100	ug/l	98
15) Acrylonitrile	4.08	53	1054790	267.561	ug/l	98
16) Acetone	3.16	43	717443	297.728	ug/l	99
17) Carbon Disulfide	3.31	76	1310425	54.526	ug/l	100
18) Methyl Acetate	3.56	43	359422	69.396	ug/l	99
19) Methyl tert-butyl Ether	4.12	73	1730620	55.076	ug/l	99
20) Methylene Chloride	3.72	84	994191	52.642	ug/l	99
21) trans-1,2-Dichloroethene	4.10	96	975967	52.876	ug/l	99
22) Diisopropyl ether	4.85	45	3573035	53.901	ug/l	90
23) Vinyl Acetate	4.80	43	9552678	256.373	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1663546	55.349	ug/l	99
25) 2-Butanone	5.62	43	1646211	273.452	ug/l	99
26) 2,2-Dichloropropane	5.59	77	1343547	58.967	ug/l	99
27) cis-1,2-Dichloroethene	5.59	96	1064567	54.437	ug/l	93
28) Bromochloromethane	5.92	49	757990	51.898	ug/l	97
29) Tetrahydrofuran	5.95	42	916805	262.186	ug/l	99
30) Chloroform	6.10	83	1670087	54.932	ug/l	99
31) Cyclohexane	6.37	56	1445465	50.240	ug/l	99
32) 1,1,1-Trichloroethane	6.30	97	1413979	56.768	ug/l	98
36) 1,1-Dichloropropene	6.52	75	1222099	51.450	ug/l	99
37) Ethyl Acetate	5.70	43	779343	49.431	ug/l	97
38) Carbon Tetrachloride	6.49	117	1166727	54.119	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	1395881	51.722	ug/l	97
40) Benzene	6.80	78	3161692	50.879	ug/l	99
41) Methacrylonitrile	5.93	41	451683m	50.686	ug/l	
42) 1,2-Dichloroethane	6.90	62	940860	52.810	ug/l	99
43) Isopropyl Acetate	8.34	43	1061009	51.152	ug/l #	98
44) Trichloroethene	7.74	130	973101	50.587	ug/l	99
45) 1,2-Dichloropropane	8.10	63	875964	53.835	ug/l	99
46) Dibromomethane	8.22	93	551669	52.368	ug/l	97
47) Bromodichloromethane	8.49	83	1240714	55.276	ug/l	100
48) Methyl methacrylate	8.25	41	633287	53.600	ug/l	99
49) 1,4-Dioxane	8.23	88	122360	1052.545	ug/l	96
51) 4-Methyl-2-Pentanone	9.34	43	3367033	257.363	ug/l	99
52) Toluene	9.54	92	2085499	52.110	ug/l	99
53) t-1,3-Dichloropropene	9.92	75	1108586	54.584	ug/l	98
54) cis-1,3-Dichloropropene	9.10	75	1358754	54.177	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	684278	52.301	ug/l	99
56) Ethyl methacrylate	10.03	69	756603	52.388	ug/l	93
57) 1,3-Dichloropropane	10.38	76	1018493	51.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.92	63	1962492	244.701	ug/l	100
59) 2-Hexanone	10.49	43	2558187	271.928	ug/l	97
60) Dibromochloromethane	10.64	129	885805	55.181	ug/l	96
61) 1,2-Dibromoethane	10.75	107	731950	52.652	ug/l	100
64) Tetrachloroethene	10.25	164	903634	52.085	ug/l	97
65) Chlorobenzene	11.32	112	2223922	51.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.41	131	760015	53.164	ug/l	99
67) Ethyl Benzene	11.42	91	3582648	51.602	ug/l	100
68) m/p-Xylenes	11.56	106	2742885	105.735	ug/l	98
69) o-Xylene	11.94	106	1390042	54.173	ug/l	99
70) Styrene	11.96	104	2296127	53.510	ug/l	100
71) Bromoform	12.11	173	652414	56.360	ug/l	98
73) Isopropylbenzene	12.28	105	3761084	56.128	ug/l	100
74) N-amyl acetate	12.13	43	1353803	55.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	775666	53.022	ug/l	98
76) 1,2,3-Trichloropropane	12.59	75	811277	55.462	ug/l	99
77) Bromobenzene	12.54	156	1051680	54.009	ug/l	99
78) n-propylbenzene	12.63	91	4691793	56.388	ug/l	100
79) 2-Chlorotoluene	12.70	91	2513642	54.432	ug/l	100
80) 1,3,5-Trimethylbenzene	12.79	105	2849247	54.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	240102	58.417	ug/l	99
82) 4-Chlorotoluene	12.81	91	2828450	54.152	ug/l	99
83) tert-Butylbenzene	13.05	119	3318153	55.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.10	105	2890514	52.883	ug/l	99
85) sec-Butylbenzene	13.22	105	3943731	56.045	ug/l	99
86) p-Isopropyltoluene	13.34	119	3049657	52.839	ug/l	100
87) 1,3-Dichlorobenzene	13.31	146	1769296	52.152	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	1704476	50.019	ug/l	100
89) n-Butylbenzene	13.65	91	3031879	53.836	ug/l	98
90) Hexachloroethane	13.85	117	824415	61.720	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	1490635	52.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.23	75	110435	56.538	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1269499	52.432	ug/l	97
94) Hexachlorobutadiene	14.88	225	853826	53.052	ug/l	99
95) Naphthalene	14.97	128	1904474	53.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	1083031	51.420	ug/l	99

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

