

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100118\
 Data File : VD060104.D
 Acq On : 1 Oct 2018 18:46
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 10/2/2018 12:31:23 PM

Quant Time: Oct 02 05:50:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1553182	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.42	114	2172436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1726995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	898811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	1146635	94.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.64%	
35) Dibromofluoromethane	6.30	113	1613425	94.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.74%	
50) Toluene-d8	9.43	98	4516526	94.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.92%	
62) 4-Bromofluorobenzene	12.42	95	1678491	93.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.56	85	1463230m	91.122	ug/l
3) Chloromethane	1.73	50	1353134	94.158	ug/l
4) Vinyl Chloride	1.83	62	1091654	94.631	ug/l
5) Bromomethane	2.10	94	97259	72.652	ug/l
6) Chloroethane	2.21	64	250409	97.629	ug/l
7) Trichlorofluoromethane	2.47	101	1245722	98.152	ug/l
8) Diethyl Ether	2.79	74	264859	98.051	ug/l
9) 1,1,2-Trichlorotrifluoroet	3.05	101	762835	95.706	ug/l
10) Methyl Iodide	3.21	142	942623	110.829	ug/l
11) Tert butyl alcohol	3.94	59	433197	450.920	ug/l
12) 1,1-Dichloroethene	3.03	96	609014	96.491	ug/l
13) Acrolein	2.95	56	231953	390.813	ug/l
14) Allyl chloride	3.49	41	1297562	97.728	ug/l
15) Acrylonitrile	4.05	53	1625757	446.481	ug/l
16) Acetone	3.13	43	931372	405.752	ug/l
17) Carbon Disulfide	3.27	76	2148750	99.028	ug/l
18) Methyl Acetate	3.52	43	443311	93.782	ug/l
19) Methyl tert-butyl Ether	4.08	73	2647680	90.897	ug/l
20) Methylene Chloride	3.68	84	1622049	82.863	ug/l
21) trans-1,2-Dichloroethene	4.05	96	1564574	94.333	ug/l
22) Diisopropyl ether	4.82	45	5641263	93.578	ug/l
23) Vinyl Acetate	4.78	43	14582503	426.244	ug/l
24) 1,1-Dichloroethane	4.72	63	2603237	95.647	ug/l
25) 2-Butanone	5.59	43	2530588	408.636	ug/l
26) 2,2-Dichloropropane	5.55	77	1872145	88.879	ug/l
27) cis-1,2-Dichloroethene	5.56	96	1681994	97.025	ug/l
28) Bromochloromethane	5.89	49	1276902	96.528	ug/l
29) Tetrahydrofuran	5.92	42	1442960	434.480	ug/l
30) Chloroform	6.07	83	2611148	94.999	ug/l
31) Cyclohexane	6.33	56	2322230	88.137	ug/l
32) 1,1,1-Trichloroethane	6.26	97	2135892	94.010	ug/l
36) 1,1-Dichloropropene	6.49	75	1936937	91.128	ug/l
37) Ethyl Acetate	5.67	43	1306185	88.999	ug/l
38) Carbon Tetrachloride	6.47	117	1805723	91.484	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	2250645	93.327	ug/l	99
40) Benzene	6.77	78	5032539	92.777	ug/l	100
41) Methacrylonitrile	5.90	41	643980m	82.467	ug/l	
42) 1,2-Dichloroethane	6.87	62	1503414	92.412	ug/l	100
43) Isopropyl Acetate	8.32	43	1760035	90.503	ug/l	99
44) Trichloroethene	7.71	130	1640834	97.391	ug/l	98
45) 1,2-Dichloropropane	8.08	63	1394809	96.064	ug/l	99
46) Dibromomethane	8.19	93	899967	95.360	ug/l	90
47) Bromodichloromethane	8.47	83	1921101	94.163	ug/l	99
48) Methyl methacrylate	8.22	41	1019298	94.017	ug/l	97
49) 1,4-Dioxane	8.20	88	203886	1889.763	ug/l	97
51) 4-Methyl-2-Pentanone	9.33	43	5339939	400.261	ug/l	99
52) Toluene	9.53	92	3285553	93.848	ug/l	99
53) t-1,3-Dichloropropene	9.90	75	1776110	93.221	ug/l	99
54) cis-1,3-Dichloropropene	9.08	75	2139051	94.093	ug/l	100
55) 1,1,2-Trichloroethane	10.16	97	1078846	88.851	ug/l	99
56) Ethyl methacrylate	10.02	69	1253583	93.659	ug/l	99
57) 1,3-Dichloropropane	10.37	76	1703953	95.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.90	63	3137376	475.349	ug/l	100
59) 2-Hexanone	10.48	43	3776096	392.236	ug/l	97
60) Dibromochloromethane	10.63	129	1423188	97.148	ug/l	97
61) 1,2-Dibromoethane	10.74	107	1216528	97.066	ug/l	98
64) Tetrachloroethene	10.23	164	1461440	97.159	ug/l	98
65) Chlorobenzene	11.30	112	3540685	96.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.40	131	1172057	94.866	ug/l	99
67) Ethyl Benzene	11.42	91	5280431	89.553	ug/l	97
68) m/p-Xylenes	11.55	106	3881069	178.711	ug/l	98
69) o-Xylene	11.92	106	2035153	93.969	ug/l	99
70) Styrene	11.94	104	3424438	94.165	ug/l	98
71) Bromoform	12.10	173	1082156	102.336	ug/l	100
73) Isopropylbenzene	12.27	105	5469023	93.640	ug/l	99
74) N-amyl acetate	12.12	43	2130869	92.698	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.55	83	1268572	95.827	ug/l	99
76) 1,2,3-Trichloropropane	12.58	75	1266545	93.757	ug/l	99
77) Bromobenzene	12.53	156	1673081	98.869	ug/l	84
78) n-propylbenzene	12.63	91	6621182	90.431	ug/l	93
79) 2-Chlorotoluene	12.70	91	3877197	93.987	ug/l	93
80) 1,3,5-Trimethylbenzene	12.78	105	4150668	92.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	398541	97.906	ug/l	92
82) 4-Chlorotoluene	12.80	91	4084915	90.058	ug/l	98
83) tert-Butylbenzene	13.04	119	4906578	94.454	ug/l	99
84) 1,2,4-Trimethylbenzene	13.09	105	4453846	92.993	ug/l	98
85) sec-Butylbenzene	13.21	105	5752454	93.842	ug/l	99
86) p-Isopropyltoluene	13.33	119	4587101	92.460	ug/l	98
87) 1,3-Dichlorobenzene	13.30	146	2756212	93.844	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	2781316	93.436	ug/l	97
89) n-Butylbenzene	13.64	91	4036832	83.530	ug/l	99
90) Hexachloroethane	13.85	117	1233510	100.545	ug/l	62
91) 1,2-Dichlorobenzene	13.66	146	2079270	85.778	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.22	75	184157	91.070	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	2028070	96.890	ug/l	100
94) Hexachlorobutadiene	14.87	225	1367366	98.598	ug/l	100
95) Naphthalene	14.96	128	3153063	97.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	1823898	99.490	ug/l	96

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

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