

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
 Data File : VD060494.D
 Acq On : 5 Dec 2018 16:01
 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
 12/6/2018 10:53:46 AM

Quant Time: Dec 06 01:03:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 00:38:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1606993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	2317977	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1757165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	901198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	1137009	99.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	198.12%	
35) Dibromofluoromethane	6.33	113	1660406	96.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	193.92%	
50) Toluene-d8	9.46	98	4652060	92.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.04%	
62) 4-Bromofluorobenzene	12.43	95	1676757	92.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.61	85	1413348	95.308	ug/l	98
3) Chloromethane	1.77	50	1444638	93.819	ug/l	97
4) Vinyl Chloride	1.86	62	1219530	97.199	ug/l	99
5) Bromomethane	2.16	94	211982	70.181	ug/l	97
6) Chloroethane	2.27	64	312956	75.894	ug/l	94
7) Trichlorofluoromethane	2.52	101	1297937	87.588	ug/l	97
8) Diethyl Ether	2.84	74	248676	93.387	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.10	101	859571	89.379	ug/l	98
10) Methyl Iodide	3.26	142	1108454	89.310	ug/l	99
11) Tert butyl alcohol	3.99	59	237833	505.851	ug/l	100
12) 1,1-Dichloroethene	3.08	96	695272	88.805	ug/l	97
13) Acrolein	2.99	56	246085	448.064	ug/l	91
14) Allyl chloride	3.54	41	1431896	95.221	ug/l	99
15) Acrylonitrile	4.10	53	1302651	474.796	ug/l	97
16) Acetone	3.17	43	877836	441.766	ug/l	99
17) Carbon Disulfide	3.33	76	2373155	93.341	ug/l	100
18) Methyl Acetate	3.56	43	408470	94.899	ug/l	100
19) Methyl tert-butyl Ether	4.14	73	2214284	94.781	ug/l	100
20) Methylene Chloride	3.73	84	1606475	89.984	ug/l	95
21) trans-1,2-Dichloroethene	4.11	96	1622629	92.873	ug/l	97
22) Diisopropyl ether	4.86	45	5331086	95.359	ug/l	99
23) Vinyl Acetate	4.81	43	13331812	477.502	ug/l	100
24) 1,1-Dichloroethane	4.76	63	2679185	93.129	ug/l	99
25) 2-Butanone	5.63	43	1833898	448.961	ug/l	99
26) 2,2-Dichloropropane	5.59	77	1992174	89.507	ug/l	99
27) cis-1,2-Dichloroethene	5.60	96	1694521	93.510	ug/l	99
28) Bromochloromethane	5.94	49	1223943	96.430	ug/l	99
29) Tetrahydrofuran	5.97	42	1008032	462.945	ug/l	99
30) Chloroform	6.11	83	2649329	92.106	ug/l	100
31) Cyclohexane	6.38	56	2294446	83.773	ug/l	97
32) 1,1,1-Trichloroethane	6.30	97	2218193	91.823	ug/l	98
36) 1,1-Dichloropropene	6.53	75	1954877	85.312	ug/l	99
37) Ethyl Acetate	5.71	43	986602	94.011	ug/l	99
38) Carbon Tetrachloride	6.51	117	1814884	85.857	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.04	83	2295014	87.328	ug/l	99
40) Benzene	6.80	78	5233204	89.750	ug/l	100
41) Methacrylonitrile	5.94	41	462422m	42.627	ug/l	
42) 1,2-Dichloroethane	6.90	62	1408430	92.831	ug/l	100
43) Isopropyl Acetate	8.36	43	1278963	97.846	ug/l #	98
44) Trichloroethene	7.75	130	1648896	93.215	ug/l	99
45) 1,2-Dichloropropane	8.11	63	1357547	92.537	ug/l	99
46) Dibromomethane	8.22	93	814140	94.575	ug/l	98
47) Bromodichloromethane	8.49	83	1902750	94.189	ug/l	99
48) Methyl methacrylate	8.25	41	756202	94.852	ug/l	98
49) 1,4-Dioxane	8.24	88	141241	2028.148	ug/l	94
51) 4-Methyl-2-Pentanone	9.35	43	3748516	440.049	ug/l	98
52) Toluene	9.56	92	3267508	87.824	ug/l	100
53) t-1,3-Dichloropropene	9.92	75	1611430	94.838	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	2088015	95.023	ug/l	99
55) 1,1,2-Trichloroethane	10.19	97	976263	90.617	ug/l	99
56) Ethyl methacrylate	10.03	69	975202	99.128	ug/l	99
57) 1,3-Dichloropropane	10.38	76	1520742	92.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	2583269	436.411	ug/l	99
59) 2-Hexanone	10.49	43	2677039	443.408	ug/l	100
60) Dibromochloromethane	10.64	129	1275418	97.552	ug/l	99
61) 1,2-Dibromoethane	10.76	107	1036273	96.147	ug/l	100
64) Tetrachloroethene	10.26	164	1455795	92.545	ug/l	98
65) Chlorobenzene	11.32	112	3508784	92.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	1088685	87.698	ug/l	99
67) Ethyl Benzene	11.43	91	5321688	81.653	ug/l	99
68) m/p-Xylenes	11.56	106	3978527	165.899	ug/l	98
69) o-Xylene	11.94	106	2055838	88.823	ug/l	97
70) Styrene	11.96	104	3322370	88.364	ug/l	99
71) Bromoform	12.12	173	883568	105.573	ug/l	99
73) Isopropylbenzene	12.27	105	5548583	84.217	ug/l	99
74) N-amyl acetate	12.14	43	1623393	96.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.57	83	1000306	93.806	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	1013102	94.373	ug/l	99
77) Bromobenzene	12.54	156	1547224	88.823	ug/l	96
78) n-propylbenzene	12.64	91	6653275	81.431	ug/l	100
79) 2-Chlorotoluene	12.71	91	3867299	85.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	4068417	80.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	307023	100.394	ug/l	100
82) 4-Chlorotoluene	12.81	91	3996449	79.395	ug/l	99
83) tert-Butylbenzene	13.05	119	4624541	81.801	ug/l	96
84) 1,2,4-Trimethylbenzene	13.10	105	4290476	84.335	ug/l	98
85) sec-Butylbenzene	13.23	105	5880903	85.199	ug/l	96
86) p-Isopropyltoluene	13.35	119	4478587	80.693	ug/l	97
87) 1,3-Dichlorobenzene	13.32	146	2652335	85.667	ug/l	97
88) 1,4-Dichlorobenzene	13.40	146	2603669	86.276	ug/l	97
89) n-Butylbenzene	13.65	91	4310822	75.896	ug/l	99
90) Hexachloroethane	13.86	117	1262560	94.558	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	1981813	78.092	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.23	75	137217	106.926	ug/l #	43

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1802293	89.656	ug/l	99
94) Hexachlorobutadiene	14.88	225	1273362	85.041	ug/l	99
95) Naphthalene	14.97	128	2315470	93.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.12	180	1501678	93.478	ug/l	100

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

