

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009132.D
 Acq On : 23 Apr 2019 19:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:19 PM

Quant Time: Apr 24 09:10:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143413	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	5.50	113	105888	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	
50) Toluene-d8	8.71	98	407294	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.13	95	146670	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114814	57.253	ug/l	98
3) Chloromethane	1.32	50	132863	53.966	ug/l	100
4) Vinyl Chloride	1.41	62	134645	56.190	ug/l	100
5) Bromomethane	1.64	94	263296	165.811	ug/l	98
6) Chloroethane	1.71	64	82162	58.309	ug/l	95
7) Trichlorofluoromethane	1.92	101	158111	56.514	ug/l	100
8) Diethyl Ether	2.19	74	72235	56.457	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99181	55.446	ug/l	99
10) Methyl Iodide	2.51	142	100766	51.387	ug/l	98
11) Tert butyl alcohol	3.06	59	166668	306.009	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101701	54.470	ug/l	98
13) Acrolein	2.29	56	110295	234.371	ug/l	100
14) Allyl chloride	2.73	41	241912	59.387	ug/l	100
15) Acrylonitrile	3.15	53	409063	295.868	ug/l	100
16) Acetone	2.45	43	361018	283.726	ug/l	98
17) Carbon Disulfide	2.56	76	299467	54.467	ug/l	99
18) Methyl Acetate	2.78	43	190065	59.850	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	387513	58.249	ug/l	100
20) Methylene Chloride	2.85	84	117509	54.003	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	110082	55.276	ug/l	100
22) Diisopropyl ether	3.86	45	464937	58.738	ug/l	90
23) Vinyl Acetate	3.82	43	2116978	304.252	ug/l	99
24) 1,1-Dichloroethane	3.70	63	229512	57.762	ug/l	100
25) 2-Butanone	4.68	43	611793	300.801	ug/l	98
26) 2,2-Dichloropropane	4.59	77	153796	51.637	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127730	56.491	ug/l	100
28) Bromochloromethane	5.02	49	92646	56.382	ug/l	100
29) Tetrahydrofuran	5.13	42	410430	301.496	ug/l	99
30) Chloroform	5.21	83	207176	58.267	ug/l	99
31) Cyclohexane	5.58	56	223137	57.096	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	171502	58.197	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161007	53.604	ug/l	99
37) Ethyl Acetate	4.84	43	231377	59.865	ug/l	100
38) Carbon Tetrachloride	5.78	117	144179	56.621	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196938	53.852	ug/l	98
40) Benzene	6.14	78	495249	55.891	ug/l	100
41) Methacrylonitrile	5.04	41	132577	59.767	ug/l	99
42) 1,2-Dichloroethane	6.20	62	176752	56.311	ug/l	99
43) Isopropyl Acetate	6.45	43	363331	58.334	ug/l	100
44) Trichloroethene	7.21	130	114247	52.622	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137819	56.064	ug/l	99
46) Dibromomethane	7.66	93	79255	55.398	ug/l	100
47) Bromodichloromethane	7.90	83	159028	56.674	ug/l	99
48) Methyl methacrylate	7.77	41	179295	58.259	ug/l	98
49) 1,4-Dioxane	7.74	88	66604	1156.280	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1157074	291.602	ug/l	100
52) Toluene	8.79	92	287815	54.197	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	184393	57.100	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	202578	56.023	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118447	56.277	ug/l	98
56) Ethyl methacrylate	9.18	69	214377	56.805	ug/l	98
57) 1,3-Dichloropropane	9.37	76	210383	56.141	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	548644	269.966	ug/l	99
59) 2-Hexanone	9.49	43	891226	291.323	ug/l	99
60) Dibromochloromethane	9.58	129	117229	58.115	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121391	55.883	ug/l	99
64) Tetrachloroethene	9.34	164	99620	51.583	ug/l	99
65) Chlorobenzene	10.14	112	291857	54.390	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109248	57.793	ug/l	98
67) Ethyl Benzene	10.25	91	547146	55.779	ug/l	99
68) m/p-Xylenes	10.36	106	396168	111.131	ug/l	100
69) o-Xylene	10.70	106	192869	55.603	ug/l	99
70) Styrene	10.71	104	338054	56.239	ug/l	99
71) Bromoform	10.85	173	86362	57.345	ug/l #	98
73) Isopropylbenzene	11.02	105	510868	55.185	ug/l	99
74) N-amyl acetate	10.90	43	313014	58.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189788	56.109	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164497m	55.160	ug/l	
77) Bromobenzene	11.26	156	124169	53.161	ug/l	99
78) n-propylbenzene	11.36	91	592946	55.805	ug/l	100
79) 2-Chlorotoluene	11.42	91	351985	54.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	431631	55.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63721	54.855	ug/l	97
82) 4-Chlorotoluene	11.51	91	404354	54.377	ug/l	100
83) tert-Butylbenzene	11.77	119	412247	55.273	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	436591	55.211	ug/l	100
85) sec-Butylbenzene	11.94	105	492490	55.365	ug/l	100
86) p-Isopropyltoluene	12.06	119	450952	55.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219852	53.780	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219552	52.980	ug/l	100
89) n-Butylbenzene	12.38	91	414943	54.480	ug/l	99
90) Hexachloroethane	12.60	117	76194	56.481	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219511	54.378	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44162	57.343	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	156460	53.692	ug/l	100
94) Hexachlorobutadiene	13.78	225	77914	53.609	ug/l	100
95) Naphthalene	13.83	128	533076	57.099	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157984	54.948	ug/l	100

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

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