

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021920\
 Data File : VX014966.D
 Acq On : 19 Feb 2020 16:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 1:41:35 PM

Quant Time: Feb 20 00:58:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	657129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	622719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	243779	48.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	5.48	113	205084	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	760803	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	286618	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205790	48.480	ug/l	100
3) Chloromethane	1.32	50	223510	46.443	ug/l	99
4) Vinyl Chloride	1.40	62	242673	46.809	ug/l	100
5) Bromomethane	1.63	94	159239	47.453	ug/l	97
6) Chloroethane	1.72	64	154136	46.465	ug/l	99
7) Trichlorofluoromethane	1.92	101	342542	47.291	ug/l	100
8) Diethyl Ether	2.18	74	135643	45.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198252	47.153	ug/l	99
10) Methyl Iodide	2.50	142	229451	49.044	ug/l	99
11) Tert butyl alcohol	3.02	59	206382	231.066	ug/l	100
12) 1,1-Dichloroethene	2.37	96	191388	46.584	ug/l	97
13) Acrolein	2.28	56	158426	232.725	ug/l	97
14) Allyl chloride	2.72	41	338178	46.426	ug/l	98
15) Acrylonitrile	3.12	53	546791	241.487	ug/l	99
16) Acetone	2.43	43	511773	185.515	ug/l	100
17) Carbon Disulfide	2.56	76	506451	44.119	ug/l	100
18) Methyl Acetate	2.76	43	254544	49.962	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	656951	49.132	ug/l	98
20) Methylene Chloride	2.84	84	223365	45.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	209491	46.211	ug/l	98
22) Diisopropyl ether	3.84	45	693098	49.819	ug/l	96
23) Vinyl Acetate	3.80	43	2954616	257.627	ug/l	100
24) 1,1-Dichloroethane	3.69	63	381302	48.563	ug/l	99
25) 2-Butanone	4.65	43	765977	222.414	ug/l	99
26) 2,2-Dichloropropane	4.57	77	315213	46.584	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242752	47.903	ug/l	99
28) Bromochloromethane	5.00	49	154963	50.917	ug/l	97
29) Tetrahydrofuran	5.11	42	481901	246.150	ug/l	99
30) Chloroform	5.19	83	384582	49.368	ug/l	97
31) Cyclohexane	5.56	56	331694	46.381	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	328384	48.190	ug/l	99
36) 1,1-Dichloropropene	5.78	75	282171	48.003	ug/l	98
37) Ethyl Acetate	4.81	43	297972	48.602	ug/l	100
38) Carbon Tetrachloride	5.77	117	284506	49.665	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351336	47.791	ug/l	99
40) Benzene	6.13	78	854247	48.639	ug/l	100
41) Methacrylonitrile	5.02	41	169218	51.234	ug/l	98
42) 1,2-Dichloroethane	6.18	62	310576	48.927	ug/l	100
43) Isopropyl Acetate	6.42	43	507231	50.153	ug/l	99
44) Trichloroethene	7.20	130	242732	47.608	ug/l	100
45) 1,2-Dichloropropane	7.50	63	219475	48.999	ug/l	99
46) Dibromomethane	7.65	93	147416	48.148	ug/l	99
47) Bromodichloromethane	7.89	83	301003	49.583	ug/l	99
48) Methyl methacrylate	7.76	41	251014	50.432	ug/l	99
49) 1,4-Dioxane	7.73	88	88496	950.960	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1543816	252.800	ug/l	100
52) Toluene	8.78	92	543381	48.712	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	329567	49.535	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	361586	49.196	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	221937	49.176	ug/l	98
56) Ethyl methacrylate	9.17	69	348731	51.408	ug/l	99
57) 1,3-Dichloropropane	9.36	76	370625	48.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	949415	267.615	ug/l	100
59) 2-Hexanone	9.48	43	1173616	244.499	ug/l	99
60) Dibromochloromethane	9.57	129	247601	50.980	ug/l	99
61) 1,2-Dibromoethane	9.67	107	233417	47.934	ug/l	100
64) Tetrachloroethene	9.33	164	247134	42.447	ug/l	97
65) Chlorobenzene	10.13	112	603493	47.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	227929	49.708	ug/l	99
67) Ethyl Benzene	10.25	91	1053547	49.047	ug/l	100
68) m/p-Xylenes	10.35	106	816384	98.657	ug/l	97
69) o-Xylene	10.69	106	389077	48.913	ug/l	100
70) Styrene	10.71	104	678210	50.399	ug/l	100
71) Bromoform	10.85	173	193540	50.567	ug/l #	99
73) Isopropylbenzene	11.01	105	1038920	48.016	ug/l	100
74) N-amyl acetate	10.89	43	447801	49.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	331021	46.801	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	284913m	45.665	ug/l	
77) Bromobenzene	11.25	156	281768	46.657	ug/l	98
78) n-propylbenzene	11.35	91	1203244	48.081	ug/l	100
79) 2-Chlorotoluene	11.42	91	693663	47.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	889096	49.178	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	113728	46.658	ug/l	98
82) 4-Chlorotoluene	11.51	91	831395	47.719	ug/l	99
83) tert-Butylbenzene	11.76	119	845318	49.376	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	880408	48.322	ug/l	100
85) sec-Butylbenzene	11.94	105	1042266	49.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	966759	48.575	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	499638	46.117	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	503802	45.536	ug/l	99
89) n-Butylbenzene	12.38	91	865696	48.567	ug/l	100
90) Hexachloroethane	12.59	117	169582	48.792	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	495241	46.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72486	43.683	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	367891	46.912	ug/l	98
94) Hexachlorobutadiene	13.77	225	178954	47.179	ug/l	97
95) Naphthalene	13.83	128	1028974	49.349	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360517	47.583	ug/l	99

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

