

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050619\
 Data File : VX009365.D
 Acq On : 06 May 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 9:42:21 AM

Quant Time: May 07 08:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110902	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.50	113	83612	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	338666	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	124204	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66332	44.187	ug/l	98
3) Chloromethane	1.32	50	95623	46.657	ug/l	100
4) Vinyl Chloride	1.41	62	93744	46.907	ug/l	99
5) Bromomethane	1.64	94	58754	48.981	ug/l	97
6) Chloroethane	1.71	64	65612	51.135	ug/l	99
7) Trichlorofluoromethane	1.92	101	117276	48.276	ug/l	100
8) Diethyl Ether	2.19	74	57058	49.586	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71880	47.119	ug/l	100
10) Methyl Iodide	2.51	142	76571	43.825	ug/l	100
11) Tert butyl alcohol	3.06	59	146323	284.258	ug/l	100
12) 1,1-Dichloroethene	2.37	96	74358	48.648	ug/l	96
13) Acrolein	2.29	56	103957	222.999	ug/l	100
14) Allyl chloride	2.73	41	177140	47.555	ug/l	99
15) Acrylonitrile	3.14	53	333333	264.842	ug/l	99
16) Acetone	2.45	43	289644	242.565	ug/l	98
17) Carbon Disulfide	2.56	76	189901	44.252	ug/l	100
18) Methyl Acetate	2.78	43	152674	53.763	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	302942	51.039	ug/l	99
20) Methylene Chloride	2.85	84	91625	47.391	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	78294	47.232	ug/l	96
22) Diisopropyl ether	3.85	45	359400	50.171	ug/l	96
23) Vinyl Acetate	3.82	43	1596413	260.250	ug/l	100
24) 1,1-Dichloroethane	3.70	63	172460	48.803	ug/l	99
25) 2-Butanone	4.68	43	498328	268.557	ug/l	100
26) 2,2-Dichloropropane	4.59	77	109439	41.606	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97711	49.384	ug/l	98
28) Bromochloromethane	5.02	49	67617	47.390	ug/l	100
29) Tetrahydrofuran	5.13	42	327030	273.881	ug/l	100
30) Chloroform	5.21	83	161777	50.617	ug/l	99
31) Cyclohexane	5.58	56	152389	46.351	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	130935	49.212	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115876	46.477	ug/l	100
37) Ethyl Acetate	4.84	43	183827	52.919	ug/l	99
38) Carbon Tetrachloride	5.78	117	108970	48.106	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137449	44.891	ug/l	99
40) Benzene	6.14	78	369130	47.840	ug/l	99
41) Methacrylonitrile	5.04	41	104656	50.612	ug/l	99
42) 1,2-Dichloroethane	6.20	62	135798	49.063	ug/l	99
43) Isopropyl Acetate	6.45	43	286895	51.633	ug/l	100
44) Trichloroethene	7.21	130	87535	46.927	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107154	49.044	ug/l	97
46) Dibromomethane	7.66	93	61582	48.538	ug/l	100
47) Bromodichloromethane	7.90	83	125617	49.635	ug/l	96
48) Methyl methacrylate	7.77	41	142943	51.854	ug/l	100
49) 1,4-Dioxane	7.74	88	60613	1084.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	981462	270.242	ug/l	99
52) Toluene	8.79	92	225306	48.037	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	143153	50.100	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	155520	49.174	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	95113	49.706	ug/l	96
56) Ethyl methacrylate	9.18	69	175596	51.408	ug/l	100
57) 1,3-Dichloropropane	9.37	76	165844	49.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	456607	251.986	ug/l	99
59) 2-Hexanone	9.49	43	772681	270.892	ug/l	99
60) Dibromochloromethane	9.58	129	95749	51.233	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96586	50.004	ug/l	100
64) Tetrachloroethene	9.34	164	80049	48.317	ug/l	98
65) Chlorobenzene	10.14	112	236577	48.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88192	50.348	ug/l	100
67) Ethyl Benzene	10.25	91	433265	48.726	ug/l	99
68) m/p-Xylenes	10.36	106	318593	98.047	ug/l	99
69) o-Xylene	10.69	106	157446	49.110	ug/l	100
70) Styrene	10.71	104	280254	50.295	ug/l	100
71) Bromoform	10.85	173	75675	53.162	ug/l #	99
73) Isopropylbenzene	11.02	105	421338	47.697	ug/l	100
74) N-amyl acetate	10.90	43	264557	51.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165497	50.256	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	141449m	50.198	ug/l	
77) Bromobenzene	11.26	156	106595	48.617	ug/l	98
78) n-propylbenzene	11.36	91	479316	47.511	ug/l	99
79) 2-Chlorotoluene	11.42	91	291493	46.833	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	356574	47.940	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53547	48.622	ug/l	99
82) 4-Chlorotoluene	11.51	91	333652	47.451	ug/l	100
83) tert-Butylbenzene	11.77	119	346918	47.946	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360300	48.260	ug/l	100
85) sec-Butylbenzene	11.94	105	407353	47.486	ug/l	100
86) p-Isopropyltoluene	12.06	119	371334	48.151	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187892	48.071	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189522	48.095	ug/l	99
89) n-Butylbenzene	12.38	91	330594	47.429	ug/l	100
90) Hexachloroethane	12.60	117	63383	48.242	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	192661	48.394	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39245	53.125	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135469	49.761	ug/l	98
94) Hexachlorobutadiene	13.78	225	65488	47.106	ug/l	99
95) Naphthalene	13.83	128	459547	51.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138264	50.103	ug/l	99

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

