

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX009997.D
 Acq On : 31 May 2019 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 9:47:45 AM

Quant Time: Jun 01 05:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110590	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	80786	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.71	98	324904	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	118588	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107712	54.410	ug/l	99
3) Chloromethane	1.32	50	121430	45.628	ug/l	98
4) Vinyl Chloride	1.41	62	118351	49.331	ug/l	100
5) Bromomethane	1.64	94	58665	40.359	ug/l	97
6) Chloroethane	1.71	64	70043	47.427	ug/l	98
7) Trichlorofluoromethane	1.93	101	130294	49.146	ug/l	99
8) Diethyl Ether	2.19	74	57377	46.055	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78262	48.895	ug/l	99
10) Methyl Iodide	2.51	142	71075	37.177	ug/l	100
11) Tert butyl alcohol	3.05	59	144835	257.176	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80031	48.781	ug/l	98
13) Acrolein	2.29	56	96264	241.892	ug/l	99
14) Allyl chloride	2.73	41	199620	50.061	ug/l	100
15) Acrylonitrile	3.14	53	336119	247.701	ug/l	99
16) Acetone	2.45	43	304630	230.399	ug/l	99
17) Carbon Disulfide	2.57	76	238907	48.106	ug/l	99
18) Methyl Acetate	2.78	43	156323	50.811	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	315290	50.902	ug/l	100
20) Methylene Chloride	2.85	84	96989	47.901	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	86610	47.445	ug/l	95
22) Diisopropyl ether	3.85	45	387476	51.070	ug/l	96
23) Vinyl Acetate	3.82	43	1733099	254.274	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185024	50.321	ug/l	100
25) 2-Butanone	4.67	43	519077	251.985	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127075	45.688	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101484	48.160	ug/l	98
28) Bromochloromethane	5.01	49	90306	47.330	ug/l	100
29) Tetrahydrofuran	5.13	42	336481	254.724	ug/l	99
30) Chloroform	5.21	83	167470	50.504	ug/l	99
31) Cyclohexane	5.58	56	180575	51.853	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140684	52.095	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129329	48.921	ug/l	100
37) Ethyl Acetate	4.84	43	190784	51.793	ug/l	99
38) Carbon Tetrachloride	5.79	117	116789	51.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157787	50.317	ug/l	99
40) Benzene	6.14	78	395617	50.447	ug/l	99
41) Methacrylonitrile	5.04	41	109451	50.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	145085	50.042	ug/l	100
43) Isopropyl Acetate	6.45	43	302650	50.920	ug/l	99
44) Trichloroethene	7.21	130	92081	48.339	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111418	49.354	ug/l	96
46) Dibromomethane	7.66	93	63057	47.453	ug/l	98
47) Bromodichloromethane	7.90	83	129058	51.073	ug/l	99
48) Methyl methacrylate	7.77	41	151025	51.329	ug/l	99
49) 1,4-Dioxane	7.74	88	51102	933.717	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	979661	253.378	ug/l	100
52) Toluene	8.79	92	238397	50.067	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153350	50.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165074	49.993	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96155	50.173	ug/l	98
56) Ethyl methacrylate	9.18	69	179231	52.531	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170174	49.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	453229	253.327	ug/l	100
59) 2-Hexanone	9.49	43	751311	252.392	ug/l	100
60) Dibromochloromethane	9.58	129	99415	52.734	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98700	50.130	ug/l	100
64) Tetrachloroethene	9.34	164	83068	50.146	ug/l	99
65) Chlorobenzene	10.13	112	247887	49.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90617	52.623	ug/l	100
67) Ethyl Benzene	10.25	91	458308	51.412	ug/l	98
68) m/p-Xylenes	10.36	106	334530	101.579	ug/l	99
69) o-Xylene	10.69	106	163051	51.624	ug/l	100
70) Styrene	10.71	104	286316	51.697	ug/l	100
71) Bromoform	10.85	173	76562	54.393	ug/l #	99
73) Isopropylbenzene	11.02	105	436756	51.768	ug/l	100
74) N-amyl acetate	10.90	43	265632	52.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	161714	51.378	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142330m	52.051	ug/l	
77) Bromobenzene	11.26	156	107611	50.050	ug/l	98
78) n-propylbenzene	11.36	91	505352	51.965	ug/l	99
79) 2-Chlorotoluene	11.42	91	304546	51.257	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	372951	52.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56540	51.159	ug/l	99
82) 4-Chlorotoluene	11.51	91	348820	50.432	ug/l	100
83) tert-Butylbenzene	11.77	119	357514	52.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370318	51.303	ug/l	100
85) sec-Butylbenzene	11.94	105	424909	52.524	ug/l	100
86) p-Isopropyltoluene	12.06	119	386044	53.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189465	49.496	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189407	48.518	ug/l	99
89) n-Butylbenzene	12.38	91	354148	51.788	ug/l	99
90) Hexachloroethane	12.60	117	67362	53.944	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188382	49.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35584	48.029	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137152	50.854	ug/l	100
94) Hexachlorobutadiene	13.78	225	67856	50.162	ug/l	100
95) Naphthalene	13.83	128	438751	52.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135509	50.195	ug/l	98

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

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