

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX009999.D
 Acq On : 31 May 2019 21:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 9:34:20 AM

Quant Time: Jun 01 06:23:02 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	160049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109464	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	81051	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	8.71	98	330052	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	120822	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103998	53.175	ug/l	99
3) Chloromethane	1.32	50	115427	43.901	ug/l	100
4) Vinyl Chloride	1.41	62	110374	46.567	ug/l	99
5) Bromomethane	1.64	94	58360	40.639	ug/l	97
6) Chloroethane	1.71	64	66146	45.335	ug/l	99
7) Trichlorofluoromethane	1.92	101	127258	48.587	ug/l	99
8) Diethyl Ether	2.19	74	56053	45.541	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77389	48.940	ug/l	100
10) Methyl Iodide	2.51	142	71711	37.868	ug/l	98
11) Tert butyl alcohol	3.06	59	150140	269.847	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78493	48.427	ug/l	97
13) Acrolein	2.29	56	93716	238.670	ug/l	99
14) Allyl chloride	2.73	41	189559	48.117	ug/l	99
15) Acrylonitrile	3.14	53	322709	240.719	ug/l	99
16) Acetone	2.45	43	296812	227.224	ug/l	99
17) Carbon Disulfide	2.57	76	230703	47.029	ug/l	100
18) Methyl Acetate	2.78	43	152323	50.115	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	303368	49.575	ug/l	99
20) Methylene Chloride	2.85	84	95552	47.767	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84687	46.957	ug/l	99
22) Diisopropyl ether	3.86	45	364915	48.683	ug/l	# 85
23) Vinyl Acetate	3.82	43	1637202	243.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176445	48.573	ug/l	99
25) 2-Butanone	4.68	43	493820	242.648	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117327	42.698	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98005	47.077	ug/l	97
28) Bromochloromethane	5.02	49	87360	46.344	ug/l	99
29) Tetrahydrofuran	5.13	42	322753	247.311	ug/l	100
30) Chloroform	5.21	83	161257	49.223	ug/l	97
31) Cyclohexane	5.58	56	170996	49.701	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	135655	50.845	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124852	48.458	ug/l	99
37) Ethyl Acetate	4.84	43	181312	50.505	ug/l	100
38) Carbon Tetrachloride	5.78	117	114403	51.384	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152121	49.775	ug/l	99
40) Benzene	6.14	78	380516	49.786	ug/l	100
41) Methacrylonitrile	5.04	41	102011	48.629	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138335	48.958	ug/l	99
43) Isopropyl Acetate	6.45	43	287604	49.650	ug/l	99
44) Trichloroethene	7.21	130	91627	49.354	ug/l	96
45) 1,2-Dichloropropane	7.51	63	108262	49.206	ug/l	97
46) Dibromomethane	7.66	93	61908	47.803	ug/l	98
47) Bromodichloromethane	7.90	83	126430	51.337	ug/l	99
48) Methyl methacrylate	7.77	41	147153	51.316	ug/l	99
49) 1,4-Dioxane	7.74	88	55440	1039.384	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	965803	256.305	ug/l	100
52) Toluene	8.79	92	231948	49.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148342	50.225	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159345	49.516	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	94122	50.393	ug/l	98
56) Ethyl methacrylate	9.18	69	177299	53.320	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164623	49.078	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	450149	258.164	ug/l	99
59) 2-Hexanone	9.49	43	752589	259.412	ug/l	100
60) Dibromochloromethane	9.58	129	95351	51.897	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97012	50.557	ug/l	99
64) Tetrachloroethene	9.34	164	82204	50.479	ug/l	98
65) Chlorobenzene	10.14	112	245393	50.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88598	52.336	ug/l	100
67) Ethyl Benzene	10.25	91	450067	51.356	ug/l	99
68) m/p-Xylenes	10.36	106	332672	102.753	ug/l	98
69) o-Xylene	10.69	106	161529	52.022	ug/l	99
70) Styrene	10.71	104	283119	52.000	ug/l	100
71) Bromoform	10.85	173	76132	55.018	ug/l	98
73) Isopropylbenzene	11.02	105	431642	49.311	ug/l	100
74) N-amyl acetate	10.90	43	262051	50.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158804	48.628	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139708m	49.244	ug/l	
77) Bromobenzene	11.26	156	108228	48.516	ug/l	98
78) n-propylbenzene	11.36	91	497740	49.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	296201	48.049	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	367805	49.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54815	47.804	ug/l	100
82) 4-Chlorotoluene	11.51	91	344846	48.054	ug/l	99
83) tert-Butylbenzene	11.77	119	353853	50.155	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	368897	49.258	ug/l	99
85) sec-Butylbenzene	11.94	105	421913	50.267	ug/l	100
86) p-Isopropyltoluene	12.06	119	384154	50.884	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192398	48.444	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194516	48.025	ug/l	99
89) n-Butylbenzene	12.38	91	352939	49.745	ug/l	99
90) Hexachloroethane	12.60	117	67250	51.906	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	191560	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36759	47.820	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139229	49.757	ug/l	99
94) Hexachlorobutadiene	13.78	225	69449	49.482	ug/l	99
95) Naphthalene	13.83	128	447368	51.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138611	49.487	ug/l	99

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

