

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008228.D
 Acq On : 20 Mar 2019 07:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 3/20/2019 10:27:53 AM

Quant Time: Mar 20 09:21:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	202883	47.96	ug/l	0.00
Spiked Amount						
			Recovery	=	95.92%	
35) Dibromofluoromethane	5.50	113	153455	47.87	ug/l	0.00
Spiked Amount						
			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	573456	47.18	ug/l	0.00
Spiked Amount						
			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	202916	48.49	ug/l	0.00
Spiked Amount						
			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	165256	48.530	ug/l	99
3) Chloromethane	1.33	50	200078	46.825	ug/l	100
4) Vinyl Chloride	1.41	62	205860	48.321	ug/l	100
5) Bromomethane	1.64	94	178431	49.168	ug/l	98
6) Chloroethane	1.72	64	128708	48.184	ug/l	99
7) Trichlorofluoromethane	1.93	101	244613	44.991	ug/l	98
8) Diethyl Ether	2.19	74	151251	54.071	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162720	45.077	ug/l	91
10) Methyl Iodide	2.51	142	249547	54.293	ug/l	96
11) Tert butyl alcohol	3.05	59	241683	266.885	ug/l	99
12) 1,1-Dichloroethene	2.37	96	175172	51.401	ug/l	92
13) Acrolein	2.29	56	138419	215.648	ug/l	100
14) Allyl chloride	2.73	41	378846	51.067	ug/l	94
15) Acrylonitrile	3.15	53	645624	269.544	ug/l	99
16) Acetone	2.45	43	562231	234.342	ug/l	98
17) Carbon Disulfide	2.57	76	539536	48.522	ug/l	100
18) Methyl Acetate	2.78	43	314478	56.618	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	670065	54.379	ug/l	99
20) Methylene Chloride	2.86	84	208482	52.112	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	187538	50.939	ug/l	95
22) Diisopropyl ether	3.86	45	777795	53.532	ug/l	92
23) Vinyl Acetate	3.82	43	3397721	272.759	ug/l	98
24) 1,1-Dichloroethane	3.70	63	395533	52.929	ug/l	99
25) 2-Butanone	4.68	43	932453	263.291	ug/l	97
26) 2,2-Dichloropropane	4.59	77	189574	33.675	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	219715	52.350	ug/l	95
28) Bromochloromethane	5.02	49	165819	49.416	ug/l	84
29) Tetrahydrofuran	5.13	42	613226	276.986	ug/l	97
30) Chloroform	5.21	83	368955	52.782	ug/l	99
31) Cyclohexane	5.58	56	330753	47.134	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	302565	52.033	ug/l	97
36) 1,1-Dichloropropene	5.80	75	272247	48.831	ug/l	97
37) Ethyl Acetate	4.84	43	359078	54.483	ug/l	98
38) Carbon Tetrachloride	5.79	117	249587	50.243	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	286737	42.737	ug/l	94
40) Benzene	6.15	78	847635	51.367	ug/l	100
41) Methacrylonitrile	5.04	41	201072	54.390	ug/l	97
42) 1,2-Dichloroethane	6.20	62	309352	51.174	ug/l	96
43) Isopropyl Acetate	6.45	43	575385	54.467	ug/l	98
44) Trichloroethene	7.21	130	201822	50.020	ug/l	91
45) 1,2-Dichloropropane	7.51	63	238317	51.590	ug/l	100
46) Dibromomethane	7.66	93	144753	51.754	ug/l	87
47) Bromodichloromethane	7.90	83	282759	53.047	ug/l	99
48) Methyl methacrylate	7.77	41	300693	53.533	ug/l	94
49) 1,4-Dioxane	7.74	88	100590	1014.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1841295	269.608	ug/l	98
52) Toluene	8.79	92	496738	50.740	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	304186	45.694	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	333930	50.479	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	211754	53.535	ug/l	98
56) Ethyl methacrylate	9.18	69	353770	50.980	ug/l	93
57) 1,3-Dichloropropane	9.37	76	371755	53.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	810749	250.170	ug/l	95
59) 2-Hexanone	9.49	43	1382815	262.998	ug/l	96
60) Dibromochloromethane	9.59	129	209873	55.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	219351	53.110	ug/l	99
64) Tetrachloroethene	9.34	164	197071	50.611	ug/l	96
65) Chlorobenzene	10.14	112	526477	49.574	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	193406	52.233	ug/l	99
67) Ethyl Benzene	10.25	91	936037	50.016	ug/l	97
68) m/p-Xylenes	10.36	106	687273	99.973	ug/l	94
69) o-Xylene	10.70	106	340602	50.988	ug/l	96
70) Styrene	10.71	104	558984	51.490	ug/l	96
71) Bromoform	10.85	173	152019	47.753	ug/l #	99
73) Isopropylbenzene	11.02	105	883737	50.208	ug/l	99
74) N-amyl acetate	10.90	43	486403	52.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315727	50.024	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	272801m	49.118	ug/l	
77) Bromobenzene	11.26	156	218664	51.382	ug/l	86
78) n-propylbenzene	11.36	91	1017195	49.757	ug/l	96
79) 2-Chlorotoluene	11.42	91	609031	49.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	734218	50.491	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	91912	42.412	ug/l	94
82) 4-Chlorotoluene	11.51	91	709996	49.725	ug/l	96
83) tert-Butylbenzene	11.77	119	680861	49.042	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	751284	50.963	ug/l	98
85) sec-Butylbenzene	11.94	105	847299	49.283	ug/l	96
86) p-Isopropyltoluene	12.06	119	738052	49.594	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384599	50.569	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	382100	48.571	ug/l	98
89) n-Butylbenzene	12.39	91	661158	47.334	ug/l	97
90) Hexachloroethane	12.60	117	130396	51.447	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	382301	49.853	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71126	50.738	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252693	50.027	ug/l	99
94) Hexachlorobutadiene	13.78	225	115398	46.843	ug/l	99
95) Naphthalene	13.83	128	848603	53.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256707	51.649	ug/l	99

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

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