

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007122.D
 Acq On : 18 Jan 2019 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:22:30 AM

Quant Time: Jan 18 07:44:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	698275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	264109	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	239085	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	894440	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	321830	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197298	47.677	ug/l	99
3) Chloromethane	1.33	50	237072	49.212	ug/l	98
4) Vinyl Chloride	1.41	62	241699	46.641	ug/l	97
5) Bromomethane	1.64	94	220901	39.899	ug/l	95
6) Chloroethane	1.71	64	162000	44.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	390471	46.634	ug/l	98
8) Diethyl Ether	2.19	74	155164	46.580	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	226526	45.189	ug/l	99
10) Methyl Iodide	2.51	142	334067	49.404	ug/l	99
11) Tert butyl alcohol	3.07	59	295917	238.199	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213180	46.029	ug/l	99
13) Acrolein	2.29	56	121226	226.550	ug/l	99
14) Allyl chloride	2.73	41	359504	45.292	ug/l	99
15) Acrylonitrile	3.15	53	704523	247.037	ug/l	100
16) Acetone	2.45	43	604237	232.083	ug/l	98
17) Carbon Disulfide	2.57	76	473413	39.702	ug/l	98
18) Methyl Acetate	2.78	43	399178	52.943	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	774092	48.155	ug/l	100
20) Methylene Chloride	2.86	84	253552	51.216	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	233389	45.220	ug/l	98
22) Diisopropyl ether	3.87	45	723858	48.509	ug/l	95
23) Vinyl Acetate	3.82	43	2968930	235.925	ug/l	100
24) 1,1-Dichloroethane	3.70	63	391986	46.978	ug/l	99
25) 2-Butanone	4.70	43	910908	244.520	ug/l	99
26) 2,2-Dichloropropane	4.59	77	196046	30.555	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	260855	45.821	ug/l	98
28) Bromochloromethane	5.02	49	177288	48.496	ug/l	95
29) Tetrahydrofuran	5.15	42	589228	243.384	ug/l	97
30) Chloroform	5.21	83	426228	48.789	ug/l	100
31) Cyclohexane	5.58	56	336656	45.332	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	351430	47.460	ug/l	97
36) 1,1-Dichloropropene	5.80	75	301623	46.106	ug/l	99
37) Ethyl Acetate	4.85	43	338252	48.228	ug/l	98
38) Carbon Tetrachloride	5.78	117	305790	46.458	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	359754	43.135	ug/l	97
40) Benzene	6.14	78	934810	46.830	ug/l	98
41) Methacrylonitrile	5.06	41	189692	46.949	ug/l	99
42) 1,2-Dichloroethane	6.20	62	318316	46.146	ug/l	99
43) Isopropyl Acetate	6.46	43	547714	49.508	ug/l	98
44) Trichloroethene	7.21	130	271383	45.369	ug/l	94
45) 1,2-Dichloropropane	7.51	63	240014	47.826	ug/l	99
46) Dibromomethane	7.66	93	170504	48.343	ug/l	99
47) Bromodichloromethane	7.90	83	300367	50.033	ug/l	98
48) Methyl methacrylate	7.77	41	283212	49.850	ug/l	98
49) 1,4-Dioxane	7.75	88	129514	998.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1822908	256.394	ug/l	99
52) Toluene	8.79	92	611105	47.631	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	312891	47.002	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	346204	47.092	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	263553	51.321	ug/l	99
56) Ethyl methacrylate	9.18	69	385895	51.473	ug/l	96
57) 1,3-Dichloropropane	9.37	76	413612	49.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1006242	261.047	ug/l	98
59) 2-Hexanone	9.49	43	1365525	252.032	ug/l	99
60) Dibromochloromethane	9.59	129	265249	53.192	ug/l	98
61) 1,2-Dibromoethane	9.67	107	280928	49.691	ug/l	100
64) Tetrachloroethene	9.34	164	272239	45.032	ug/l	96
65) Chlorobenzene	10.14	112	711907	46.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	255871	49.943	ug/l	100
67) Ethyl Benzene	10.25	91	1166679	46.403	ug/l	98
68) m/p-Xylenes	10.36	106	912364	92.105	ug/l	98
69) o-Xylene	10.69	106	458921	47.505	ug/l	99
70) Styrene	10.71	104	739072	48.304	ug/l	99
71) Bromoform	10.86	173	199307	44.098	ug/l	98
73) Isopropylbenzene	11.02	105	1205053	47.707	ug/l	99
74) N-amyl acetate	10.90	43	491473	48.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	382780	47.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	356786m	49.150	ug/l	
77) Bromobenzene	11.26	156	327967	47.122	ug/l	99
78) n-propylbenzene	11.36	91	1315474	47.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	783523	46.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	996302	47.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90118	38.413	ug/l	97
82) 4-Chlorotoluene	11.51	91	907228	46.942	ug/l	99
83) tert-Butylbenzene	11.77	119	1004158	47.685	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1010655	47.618	ug/l	100
85) sec-Butylbenzene	11.94	105	1196012	47.557	ug/l	99
86) p-Isopropyltoluene	12.06	119	1072716	47.686	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576560	45.832	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	578119	48.507	ug/l	100
89) n-Butylbenzene	12.38	91	901587	47.016	ug/l	99
90) Hexachloroethane	12.60	117	167133	46.741	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	578051	46.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77196	48.675	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	399440	46.898	ug/l	100
94) Hexachlorobutadiene	13.78	225	183105	48.445	ug/l	98
95) Naphthalene	13.83	128	1245546	48.260	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	402279	47.545	ug/l	98

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

