

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051419\
 Data File : VX009553.D
 Acq On : 14 May 2019 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/15/2019 12:25:10 PM

Quant Time: May 15 08:15:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180656	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	277043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111372	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.49	113	83452	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	336195	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.13	95	127020	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	69463	41.725	ug/l 99
3) Chloromethane	1.32	50	98801	43.470	ug/l 99
4) Vinyl Chloride	1.41	62	100587	45.385	ug/l 100
5) Bromomethane	1.64	94	60803	45.708	ug/l 97
6) Chloroethane	1.71	64	62228	43.732	ug/l 96
7) Trichlorofluoromethane	1.92	101	128468	47.686	ug/l 97
8) Diethyl Ether	2.18	74	58236	45.635	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81865	48.390	ug/l 99
10) Methyl Iodide	2.51	142	92206	47.193	ug/l 99
11) Tert butyl alcohol	3.04	59	119884	210.007	ug/l 99
12) 1,1-Dichloroethene	2.37	96	79602	46.961	ug/l 99
13) Acrolein	2.29	56	112308	217.236	ug/l 99
14) Allyl chloride	2.73	41	187575	45.408	ug/l 99
15) Acrylonitrile	3.14	53	302395	216.648	ug/l 99
16) Acetone	2.44	43	314034	237.143	ug/l 99
17) Carbon Disulfide	2.57	76	224112	47.092	ug/l 100
18) Methyl Acetate	2.77	43	131373	41.715	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	304392	46.243	ug/l 99
20) Methylene Chloride	2.85	84	95017	44.315	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	85449	46.482	ug/l 99
22) Diisopropyl ether	3.85	45	368565	46.394	ug/l 95
23) Vinyl Acetate	3.81	43	1633179	240.077	ug/l 100
24) 1,1-Dichloroethane	3.70	63	178838	45.634	ug/l 100
25) 2-Butanone	4.67	43	467663	227.261	ug/l 100
26) 2,2-Dichloropropane	4.58	77	139569	47.846	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	101211	46.126	ug/l 99
28) Bromochloromethane	5.01	49	65916	41.306	ug/l 100
29) Tetrahydrofuran	5.12	42	291206	219.911	ug/l 99
30) Chloroform	5.21	83	164685	46.463	ug/l 97
31) Cyclohexane	5.57	56	175355	48.094	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	138450	46.923	ug/l 99
36) 1,1-Dichloropropene	5.79	75	127791	49.635	ug/l 99
37) Ethyl Acetate	4.82	43	168821	47.062	ug/l 99
38) Carbon Tetrachloride	5.78	117	117668	50.303	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165851	52.454	ug/l	99
40) Benzene	6.13	78	389215	48.848	ug/l	99
41) Methacrylonitrile	5.04	41	99371	46.536	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139256	48.721	ug/l	100
43) Isopropyl Acetate	6.44	43	273623	47.687	ug/l	100
44) Trichloroethene	7.21	130	95251	49.449	ug/l	100
45) 1,2-Dichloropropane	7.51	63	110495	48.974	ug/l	97
46) Dibromomethane	7.66	93	63496	48.463	ug/l	99
47) Bromodichloromethane	7.89	83	129510	49.554	ug/l	98
48) Methyl methacrylate	7.76	41	138824	48.767	ug/l	99
49) 1,4-Dioxane	7.74	88	49667	860.321	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	901000	240.241	ug/l	99
52) Toluene	8.78	92	241531	49.867	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153001	51.853	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	167820	51.385	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95282	48.219	ug/l	97
56) Ethyl methacrylate	9.18	69	175244	49.682	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168037	48.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	386367	206.479	ug/l	99
59) 2-Hexanone	9.49	43	712984	242.057	ug/l	99
60) Dibromochloromethane	9.58	129	98479	51.027	ug/l	99
61) 1,2-Dibromoethane	9.67	107	97990	49.126	ug/l	100
64) Tetrachloroethene	9.34	164	89621	51.280	ug/l	97
65) Chlorobenzene	10.13	112	250571	49.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91094	49.299	ug/l	99
67) Ethyl Benzene	10.25	91	469015	50.002	ug/l	99
68) m/p-Xylenes	10.35	106	345549	100.811	ug/l	98
69) o-Xylene	10.69	106	167279	49.462	ug/l	100
70) Styrene	10.71	104	297325	50.582	ug/l	100
71) Bromoform	10.85	173	76304	50.815	ug/l #	100
73) Isopropylbenzene	11.01	105	454243	47.071	ug/l	99
74) N-amyl acetate	10.90	43	260138	46.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	157440	43.765	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143184m	46.514	ug/l	
77) Bromobenzene	11.25	156	112609	47.014	ug/l	98
78) n-propylbenzene	11.36	91	539865	48.985	ug/l	99
79) 2-Chlorotoluene	11.42	91	314428	46.244	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	390291	48.033	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56447	46.918	ug/l	99
82) 4-Chlorotoluene	11.51	91	370786	48.271	ug/l	100
83) tert-Butylbenzene	11.77	119	376442	47.624	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392503	48.125	ug/l	98
85) sec-Butylbenzene	11.94	105	458497	48.926	ug/l	100
86) p-Isopropyltoluene	12.06	119	419751	49.824	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204670	47.933	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	209440	48.652	ug/l	100
89) n-Butylbenzene	12.38	91	392353	51.527	ug/l	100
90) Hexachloroethane	12.59	117	70578	49.173	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203731	46.845	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34519	42.774	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150728	50.681	ug/l	97
94) Hexachlorobutadiene	13.78	225	78628	51.772	ug/l	100
95) Naphthalene	13.83	128	451668	46.680	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147440	48.907	ug/l	99

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

