

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009901.D
 Acq On : 24 May 2019 20:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 9:52:27 AM

Quant Time: May 25 01:51:53 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	5.67	168	168243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114694	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	5.50	113	81304	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.71	98	333477	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	124510	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60816	39.226	ug/l	100
3) Chloromethane	1.32	50	100343	47.406	ug/l	97
4) Vinyl Chloride	1.41	62	95193	46.120	ug/l	99
5) Bromomethane	1.64	94	59270	47.843	ug/l	98
6) Chloroethane	1.71	64	63086	47.606	ug/l	100
7) Trichlorofluoromethane	1.92	101	114250	45.537	ug/l	98
8) Diethyl Ether	2.19	74	55711	46.878	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67786	43.024	ug/l	100
10) Methyl Iodide	2.51	142	76303	42.446	ug/l	99
11) Tert butyl alcohol	3.06	59	144517	271.836	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70894	44.909	ug/l	96
13) Acrolein	2.29	56	101722	211.276	ug/l	99
14) Allyl chloride	2.73	41	182410	47.415	ug/l	98
15) Acrylonitrile	3.14	53	317465	244.226	ug/l	100
16) Acetone	2.45	43	287457	233.090	ug/l	98
17) Carbon Disulfide	2.57	76	204141	46.060	ug/l	100
18) Methyl Acetate	2.78	43	142650	48.638	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	289919	47.294	ug/l	100
20) Methylene Chloride	2.85	84	88982	44.562	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	79901	46.671	ug/l	98
22) Diisopropyl ether	3.86	45	358980	48.522	ug/l	94
23) Vinyl Acetate	3.82	43	1621676	255.975	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168249	46.099	ug/l	99
25) 2-Butanone	4.68	43	485766	253.475	ug/l	97
26) 2,2-Dichloropropane	4.58	77	109397	40.270	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	95217	46.596	ug/l	99
28) Bromochloromethane	5.02	49	87950	60.435	ug/l	96
29) Tetrahydrofuran	5.13	42	320672	260.030	ug/l	97
30) Chloroform	5.21	83	153534	46.512	ug/l	99
31) Cyclohexane	5.58	56	158951	46.811	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	126211	45.931	ug/l	98
36) 1,1-Dichloropropene	5.80	75	117162	46.051	ug/l	99
37) Ethyl Acetate	4.84	43	182056	51.358	ug/l	98
38) Carbon Tetrachloride	5.79	117	105389	45.592	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139095	44.517	ug/l	99
40) Benzene	6.14	78	362891	46.088	ug/l	99
41) Methacrylonitrile	5.04	41	102450	48.552	ug/l	98
42) 1,2-Dichloroethane	6.19	62	135485	47.968	ug/l	98
43) Isopropyl Acetate	6.45	43	288424	50.867	ug/l	98
44) Trichloroethene	7.21	130	89837	47.195	ug/l	96
45) 1,2-Dichloropropane	7.51	63	104852	47.028	ug/l	98
46) Dibromomethane	7.66	93	59047	45.606	ug/l	99
47) Bromodichloromethane	7.90	83	121480	47.037	ug/l	97
48) Methyl methacrylate	7.77	41	146816	52.190	ug/l	96
49) 1,4-Dioxane	7.74	88	52771	925.013	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	973526	262.682	ug/l	98
52) Toluene	8.79	92	221672	46.314	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	141880	48.659	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153098	47.438	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	89549	45.860	ug/l	96
56) Ethyl methacrylate	9.18	69	174043	49.932	ug/l	96
57) 1,3-Dichloropropane	9.37	76	161967	47.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	434625	235.045	ug/l	99
59) 2-Hexanone	9.49	43	751651	258.235	ug/l	97
60) Dibromochloromethane	9.58	129	89651	47.008	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92918	47.140	ug/l	100
64) Tetrachloroethene	9.34	164	75885	44.104	ug/l	99
65) Chlorobenzene	10.14	112	231408	46.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83521	45.912	ug/l	99
67) Ethyl Benzene	10.25	91	428847	46.439	ug/l	99
68) m/p-Xylenes	10.36	106	314897	93.313	ug/l	97
69) o-Xylene	10.69	106	153803	46.193	ug/l	98
70) Styrene	10.71	104	272388	47.068	ug/l	98
71) Bromoform	10.85	173	70661	47.797	ug/l #	100
73) Isopropylbenzene	11.02	105	411554	45.604	ug/l	100
74) N-amyl acetate	10.90	43	263389	50.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	156166	46.420	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136739m	47.500	ug/l	
77) Bromobenzene	11.26	156	101247	45.201	ug/l	98
78) n-propylbenzene	11.36	91	478675	46.444	ug/l	100
79) 2-Chlorotoluene	11.42	91	285907	44.964	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	351397	46.244	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	51692	45.944	ug/l	96
82) 4-Chlorotoluene	11.51	91	333138	46.376	ug/l	99
83) tert-Butylbenzene	11.77	119	336590	45.535	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	353624	46.364	ug/l	99
85) sec-Butylbenzene	11.94	105	400248	45.671	ug/l	99
86) p-Isopropyltoluene	12.06	119	366045	46.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182748	45.766	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181984	45.205	ug/l	99
89) n-Butylbenzene	12.38	91	337893	47.451	ug/l	99
90) Hexachloroethane	12.60	117	62273	46.395	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	181351	44.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35481	47.014	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128389	46.162	ug/l	99
94) Hexachlorobutadiene	13.78	225	64584	45.473	ug/l	99
95) Naphthalene	13.83	128	421746	46.609	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	130468	46.278	ug/l	99

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

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