

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009793.D
 Acq On : 22 May 2019 10:23
 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
 5/23/2019 10:43:54 AM

Quant Time: May 23 07:23:18 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	5.66	168	185256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113673	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	5.49	113	82522	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
50) Toluene-d8	8.71	98	337495	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	11.13	95	125877	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70782	41.462	ug/l	99
3) Chloromethane	1.32	50	101854	43.701	ug/l	100
4) Vinyl Chloride	1.41	62	99712	43.873	ug/l	97
5) Bromomethane	1.64	94	61147	44.825	ug/l	96
6) Chloroethane	1.71	64	62887	43.097	ug/l	100
7) Trichlorofluoromethane	1.92	101	123630	44.751	ug/l	99
8) Diethyl Ether	2.19	74	55485	42.400	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76330	43.998	ug/l	99
10) Methyl Iodide	2.51	142	82485	41.755	ug/l	99
11) Tert butyl alcohol	3.05	59	121303	207.216	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75421	43.389	ug/l	98
13) Acrolein	2.29	56	104005	196.180	ug/l	98
14) Allyl chloride	2.73	41	185465	43.782	ug/l	98
15) Acrylonitrile	3.14	53	302192	211.127	ug/l	99
16) Acetone	2.44	43	345574	254.481	ug/l	96
17) Carbon Disulfide	2.57	76	225562	46.220	ug/l	98
18) Methyl Acetate	2.77	43	130072	40.276	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	288701	42.770	ug/l	100
20) Methylene Chloride	2.85	84	90442	41.134	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	82566	43.799	ug/l	98
22) Diisopropyl ether	3.85	45	358146	43.963	ug/l	97
23) Vinyl Acetate	3.81	43	1617490	231.867	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172635	42.957	ug/l	99
25) 2-Butanone	4.67	43	484174	229.442	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131836	44.073	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	96209	42.758	ug/l	98
28) Bromochloromethane	5.01	49	76372	47.047	ug/l	97
29) Tetrahydrofuran	5.12	42	298799	220.042	ug/l	97
30) Chloroform	5.21	83	156770	43.131	ug/l	98
31) Cyclohexane	5.58	56	172666	46.181	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	131116	43.334	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123954	45.965	ug/l	99
37) Ethyl Acetate	4.83	43	170496	45.377	ug/l	99
38) Carbon Tetrachloride	5.78	117	110194	44.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159148	48.055	ug/l	98
40) Benzene	6.14	78	373122	44.707	ug/l	99
41) Methacrylonitrile	5.04	41	97541	43.611	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136512	45.598	ug/l	98
43) Isopropyl Acetate	6.44	43	273028	45.429	ug/l	99
44) Trichloroethene	7.21	130	89244	44.232	ug/l	100
45) 1,2-Dichloropropane	7.51	63	105773	44.758	ug/l	97
46) Dibromomethane	7.66	93	60620	44.173	ug/l	100
47) Bromodichloromethane	7.90	83	122378	44.705	ug/l	97
48) Methyl methacrylate	7.76	41	138705	46.518	ug/l	98
49) 1,4-Dioxane	7.74	88	51429	850.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	903814	230.078	ug/l	99
52) Toluene	8.78	92	227999	44.942	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144064	46.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159496	46.625	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90717	43.830	ug/l	97
56) Ethyl methacrylate	9.18	69	167183	45.251	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160945	44.189	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431575	220.195	ug/l	99
59) 2-Hexanone	9.49	43	727440	235.781	ug/l	98
60) Dibromochloromethane	9.58	129	90912	44.973	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93498	44.752	ug/l	99
64) Tetrachloroethene	9.34	164	80961	44.103	ug/l	97
65) Chlorobenzene	10.13	112	235542	43.998	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	84157	43.360	ug/l	100
67) Ethyl Benzene	10.25	91	445060	45.172	ug/l	100
68) m/p-Xylenes	10.36	106	329592	91.543	ug/l	98
69) o-Xylene	10.69	106	156785	44.136	ug/l	98
70) Styrene	10.71	104	279164	45.214	ug/l	98
71) Bromoform	10.85	173	70222	44.522	ug/l #	100
73) Isopropylbenzene	11.02	105	427804	43.018	ug/l	99
74) N-amyl acetate	10.90	43	255263	44.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153502	41.405	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	134428m	42.376	ug/l	
77) Bromobenzene	11.26	156	104598	42.375	ug/l	99
78) n-propylbenzene	11.36	91	508664	44.786	ug/l	100
79) 2-Chlorotoluene	11.42	91	299633	42.762	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370444	44.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53714	43.323	ug/l	97
82) 4-Chlorotoluene	11.51	91	349665	44.172	ug/l	99
83) tert-Butylbenzene	11.77	119	349293	42.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	372861	44.362	ug/l	99
85) sec-Butylbenzene	11.94	105	425287	44.037	ug/l	100
86) p-Isopropyltoluene	12.06	119	392699	45.231	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	190873	43.377	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	193236	43.558	ug/l	100
89) n-Butylbenzene	12.38	91	369378	47.072	ug/l	100
90) Hexachloroethane	12.59	117	65303	44.150	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190540	42.513	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34583	41.583	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138683	45.249	ug/l	98
94) Hexachlorobutadiene	13.78	225	72945	46.607	ug/l	100
95) Naphthalene	13.83	128	422656	42.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136653	43.986	ug/l	100

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

