

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008795.D
 Acq On : 10 Apr 2019 09:51
 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
 4/11/2019 11:48:23 AM

Quant Time: Apr 11 07:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	358712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151504	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
35) Dibromofluoromethane	5.49	113	113571	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	462746	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	171605	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104339	40.460	ug/l	100
3) Chloromethane	1.32	50	141875	44.712	ug/l	100
4) Vinyl Chloride	1.41	62	139928	40.139	ug/l	99
5) Bromomethane	1.64	94	72082	42.277	ug/l	98
6) Chloroethane	1.72	64	84690	44.128	ug/l	99
7) Trichlorofluoromethane	1.93	101	166733	43.267	ug/l	100
8) Diethyl Ether	2.18	74	77402	42.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105213	42.406	ug/l	97
10) Methyl Iodide	2.51	142	110657	49.054	ug/l	99
11) Tert butyl alcohol	3.04	59	157721	206.171	ug/l	100
12) 1,1-Dichloroethene	2.37	96	104194	40.229	ug/l	96
13) Acrolein	2.29	56	58631	154.565	ug/l	99
14) Allyl chloride	2.73	41	259372	43.745	ug/l	99
15) Acrylonitrile	3.14	53	419197	206.845	ug/l	99
16) Acetone	2.44	43	390519	207.493	ug/l	100
17) Carbon Disulfide	2.57	76	317371	42.320	ug/l	100
18) Methyl Acetate	2.77	43	193103	42.305	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	411982	44.541	ug/l	100
20) Methylene Chloride	2.85	84	129567	41.127	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119693	42.724	ug/l	94
22) Diisopropyl ether	3.85	45	504399	44.137	ug/l	89
23) Vinyl Acetate	3.81	43	2215174	222.818	ug/l	100
24) 1,1-Dichloroethane	3.69	63	247071	43.666	ug/l	99
25) 2-Butanone	4.67	43	651132	218.891	ug/l	99
26) 2,2-Dichloropropane	4.58	77	183094	45.944	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	138728	43.070	ug/l	99
28) Bromochloromethane	5.01	49	138734	59.258	ug/l	99
29) Tetrahydrofuran	5.12	42	407452	206.371	ug/l	99
30) Chloroform	5.20	83	222976	44.122	ug/l	98
31) Cyclohexane	5.57	56	242965	43.035	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	183188	44.857	ug/l	99
36) 1,1-Dichloropropene	5.79	75	177951	45.383	ug/l	100
37) Ethyl Acetate	4.82	43	234309	44.768	ug/l	100
38) Carbon Tetrachloride	5.78	117	153826	47.399	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227045	46.873	ug/l	99
40) Benzene	6.14	78	529416	45.321	ug/l	100
41) Methacrylonitrile	5.04	41	133231	44.286	ug/l	100
42) 1,2-Dichloroethane	6.18	62	187113	44.681	ug/l	99
43) Isopropyl Acetate	6.44	43	378564	46.173	ug/l	100
44) Trichloroethene	7.21	130	127503	46.865	ug/l	98
45) 1,2-Dichloropropane	7.51	63	151088	45.315	ug/l	99
46) Dibromomethane	7.66	93	85510	44.220	ug/l	98
47) Bromodichloromethane	7.89	83	174776	47.935	ug/l	98
48) Methyl methacrylate	7.76	41	190606	45.958	ug/l	100
49) 1,4-Dioxane	7.74	88	67223	865.252	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1208424	228.961	ug/l	100
52) Toluene	8.78	92	323803	47.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	205603	50.341	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	227018	48.645	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	128381	46.441	ug/l	97
56) Ethyl methacrylate	9.17	69	240038	47.991	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229651	46.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	592236	231.889	ug/l	99
59) 2-Hexanone	9.49	43	940695	229.344	ug/l	100
60) Dibromochloromethane	9.58	129	129508	49.716	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133015	46.220	ug/l	99
64) Tetrachloroethene	9.34	164	115169	48.170	ug/l	99
65) Chlorobenzene	10.13	112	332554	46.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118607	47.263	ug/l	99
67) Ethyl Benzene	10.25	91	628283	47.103	ug/l	99
68) m/p-Xylenes	10.35	106	455843	95.049	ug/l	98
69) o-Xylene	10.69	106	216944	46.677	ug/l	99
70) Styrene	10.71	104	386995	48.304	ug/l	100
71) Bromoform	10.85	173	96221	50.204	ug/l #	99
73) Isopropylbenzene	11.02	105	587952	44.886	ug/l	100
74) N-amyl acetate	10.90	43	334433	43.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203888	40.928	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181925m	41.899	ug/l	
77) Bromobenzene	11.25	156	142998	45.411	ug/l	98
78) n-propylbenzene	11.36	91	706617	46.330	ug/l	100
79) 2-Chlorotoluene	11.42	91	406987	44.095	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	500175	45.490	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	74338	47.194	ug/l	97
82) 4-Chlorotoluene	11.51	91	477002	44.648	ug/l	98
83) tert-Butylbenzene	11.77	119	475739	44.973	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	504486	45.312	ug/l	98
85) sec-Butylbenzene	11.94	105	588408	46.828	ug/l	99
86) p-Isopropyltoluene	12.06	119	534767	47.418	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	257821	45.734	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	257091	45.037	ug/l	100
89) n-Butylbenzene	12.38	91	521822	49.338	ug/l	99
90) Hexachloroethane	12.60	117	88818	47.483	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	249122	44.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44356	40.475	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	183921	47.260	ug/l	98
94) Hexachlorobutadiene	13.78	225	92578	49.603	ug/l	100
95) Naphthalene	13.83	128	568440	43.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178543	45.918	ug/l	99

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

