

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040519\
 Data File : VX008707.D
 Acq On : 06 Apr 2019 01:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:50:47 AM

Quant Time: Apr 06 03:52:44 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	174741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127942	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	94896	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	382595	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	137989	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88034	43.767	ug/l	97
3) Chloromethane	1.32	50	124051	50.335	ug/l	100
4) Vinyl Chloride	1.41	62	122855	45.183	ug/l	98
5) Bromomethane	1.64	94	55264	41.588	ug/l	98
6) Chloroethane	1.71	64	73788	49.670	ug/l	99
7) Trichlorofluoromethane	1.92	101	138225	45.988	ug/l	99
8) Diethyl Ether	2.19	74	65146	45.705	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87078	44.998	ug/l	99
10) Methyl Iodide	2.51	142	78609	45.034	ug/l	100
11) Tert butyl alcohol	3.06	59	144715	242.533	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91072	45.082	ug/l	97
13) Acrolein	2.29	56	183218	619.259	ug/l	97
14) Allyl chloride	2.73	41	211942	45.829	ug/l	99
15) Acrylonitrile	3.14	53	371262	234.870	ug/l	99
16) Acetone	2.45	43	318406	216.901	ug/l	97
17) Carbon Disulfide	2.57	76	262107	44.854	ug/l	99
18) Methyl Acetate	2.78	43	166581	46.789	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	348327	48.282	ug/l	99
20) Methylene Chloride	2.85	84	110593	45.007	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95620	43.759	ug/l	95
22) Diisopropyl ether	3.85	45	421594	47.298	ug/l	93
23) Vinyl Acetate	3.81	43	1878002	242.190	ug/l	99
24) 1,1-Dichloroethane	3.70	63	204797	46.405	ug/l	100
25) 2-Butanone	4.67	43	552163	237.983	ug/l	100
26) 2,2-Dichloropropane	4.58	77	125017	40.220	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113537	45.193	ug/l	98
28) Bromochloromethane	5.01	49	96272	52.366	ug/l	100
29) Tetrahydrofuran	5.13	42	366900	238.254	ug/l	99
30) Chloroform	5.21	83	184443	46.792	ug/l	98
31) Cyclohexane	5.58	56	197258	44.795	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	150963	47.394	ug/l	100
36) 1,1-Dichloropropene	5.80	75	142479	44.141	ug/l	100
37) Ethyl Acetate	4.83	43	207321	48.119	ug/l	99
38) Carbon Tetrachloride	5.79	117	124469	46.590	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172706	43.313	ug/l	99
40) Benzene	6.14	78	442953	46.064	ug/l	100
41) Methacrylonitrile	5.04	41	117135	47.298	ug/l	100
42) 1,2-Dichloroethane	6.19	62	157752	45.760	ug/l	99
43) Isopropyl Acetate	6.45	43	333647	49.435	ug/l	99
44) Trichloroethene	7.21	130	101624	45.375	ug/l	99
45) 1,2-Dichloropropane	7.51	63	126290	46.013	ug/l	99
46) Dibromomethane	7.66	93	71267	44.770	ug/l	98
47) Bromodichloromethane	7.90	83	143246	47.726	ug/l	99
48) Methyl methacrylate	7.77	41	167388	49.028	ug/l	99
49) 1,4-Dioxane	7.74	88	61362	959.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1079170	248.385	ug/l	100
52) Toluene	8.79	92	267460	47.178	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	161436	48.016	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	181119	47.145	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109401	48.075	ug/l	99
56) Ethyl methacrylate	9.18	69	207496	50.395	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193115	47.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510805	242.960	ug/l	99
59) 2-Hexanone	9.49	43	811160	240.237	ug/l	100
60) Dibromochloromethane	9.58	129	106540	49.683	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112247	47.381	ug/l	99
64) Tetrachloroethene	9.33	164	89069	45.037	ug/l	98
65) Chlorobenzene	10.14	112	272308	46.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97778	47.104	ug/l	99
67) Ethyl Benzene	10.25	91	507990	46.042	ug/l	100
68) m/p-Xylenes	10.36	106	371533	93.655	ug/l	98
69) o-Xylene	10.70	106	180437	46.934	ug/l	100
70) Styrene	10.71	104	314625	47.476	ug/l	100
71) Bromoform	10.85	173	78339	49.413	ug/l #	99
73) Isopropylbenzene	11.02	105	476099	47.432	ug/l	99
74) N-amyl acetate	10.90	43	282809	47.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174982	45.838	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172459m	51.832	ug/l	
77) Bromobenzene	11.26	156	113820	47.169	ug/l	98
78) n-propylbenzene	11.36	91	551722	47.207	ug/l	100
79) 2-Chlorotoluene	11.42	91	328536	46.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	402570	47.779	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56542	46.844	ug/l	98
82) 4-Chlorotoluene	11.51	91	380563	46.485	ug/l	100
83) tert-Butylbenzene	11.77	119	392791	48.456	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	403841	47.335	ug/l	99
85) sec-Butylbenzene	11.94	105	456683	47.430	ug/l	99
86) p-Isopropyltoluene	12.06	119	408998	47.326	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197385	45.693	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	199214	45.541	ug/l	100
89) n-Butylbenzene	12.38	91	377949	46.633	ug/l	100
90) Hexachloroethane	12.60	117	69541	48.516	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	198377	46.252	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39490	47.025	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	137719	46.181	ug/l	99
94) Hexachlorobutadiene	13.78	225	66839	46.734	ug/l	100
95) Naphthalene	13.83	128	477226	47.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137940	46.295	ug/l	99

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

