

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009875.D
 Acq On : 24 May 2019 09:44
 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
 5/28/2019 9:51:58 AM

Quant Time: May 25 00:28:40 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	174466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110254	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
35) Dibromofluoromethane	5.49	113	79194	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
50) Toluene-d8	8.71	98	322095	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
62) 4-Bromofluorobenzene	11.13	95	122844	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64761	40.281	ug/l	99
3) Chloromethane	1.32	50	105583	48.102	ug/l	99
4) Vinyl Chloride	1.41	62	97383	45.498	ug/l	98
5) Bromomethane	1.64	94	58362	45.429	ug/l	96
6) Chloroethane	1.71	64	62005	45.121	ug/l	99
7) Trichlorofluoromethane	1.92	101	116011	44.590	ug/l	100
8) Diethyl Ether	2.19	74	56730	46.032	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70460	43.126	ug/l	99
10) Methyl Iodide	2.51	142	85712	45.597	ug/l	97
11) Tert butyl alcohol	3.05	59	132614	240.549	ug/l	99
12) 1,1-Dichloroethene	2.37	96	72682	44.400	ug/l	100
13) Acrolein	2.29	56	110412	221.145	ug/l	99
14) Allyl chloride	2.72	41	191725	48.059	ug/l	98
15) Acrylonitrile	3.14	53	316240	234.606	ug/l	99
16) Acetone	2.45	43	368526	288.167	ug/l	96
17) Carbon Disulfide	2.56	76	213052	46.356	ug/l	99
18) Methyl Acetate	2.77	43	137604	45.244	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	298046	46.886	ug/l	99
20) Methylene Chloride	2.85	84	93221	45.020	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82124	46.259	ug/l	99
22) Diisopropyl ether	3.85	45	370752	48.325	ug/l	97
23) Vinyl Acetate	3.81	43	1668840	254.023	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174837	46.196	ug/l	99
25) 2-Butanone	4.67	43	523757	263.550	ug/l	96
26) 2,2-Dichloropropane	4.57	77	131330	46.619	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96764	45.664	ug/l	97
28) Bromochloromethane	5.01	49	90270	59.787	ug/l	96
29) Tetrahydrofuran	5.12	42	312768	244.574	ug/l	97
30) Chloroform	5.21	83	159137	46.490	ug/l	99
31) Cyclohexane	5.57	56	162726	46.214	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	127445	44.725	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120458	46.624	ug/l	99
37) Ethyl Acetate	4.83	43	179422	49.843	ug/l	99
38) Carbon Tetrachloride	5.78	117	105900	45.114	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149512	47.121	ug/l	96
40) Benzene	6.14	78	372816	46.626	ug/l	99
41) Methacrylonitrile	5.04	41	102963	48.050	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139648	48.687	ug/l	99
43) Isopropyl Acetate	6.44	43	288955	50.183	ug/l	98
44) Trichloroethene	7.21	130	88557	45.813	ug/l	97
45) 1,2-Dichloropropane	7.51	63	107543	47.499	ug/l	99
46) Dibromomethane	7.66	93	61481	46.761	ug/l	99
47) Bromodichloromethane	7.90	83	125843	47.983	ug/l	97
48) Methyl methacrylate	7.77	41	147077	51.485	ug/l	97
49) 1,4-Dioxane	7.74	88	52869	912.584	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	964669	256.318	ug/l	98
52) Toluene	8.78	92	231511	47.631	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	150225	50.734	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	161230	49.195	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	93963	47.386	ug/l	99
56) Ethyl methacrylate	9.18	69	174835	49.393	ug/l	95
57) 1,3-Dichloropropane	9.37	76	166794	47.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	448845	239.030	ug/l	99
59) 2-Hexanone	9.49	43	782029	264.570	ug/l	97
60) Dibromochloromethane	9.58	129	93545	48.301	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95482	47.702	ug/l	100
64) Tetrachloroethene	9.34	164	81486	45.937	ug/l	99
65) Chlorobenzene	10.13	112	239759	46.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	86769	46.265	ug/l	99
67) Ethyl Benzene	10.25	91	447671	47.022	ug/l	99
68) m/p-Xylenes	10.36	106	330895	95.109	ug/l	97
69) o-Xylene	10.69	106	159181	46.373	ug/l	98
70) Styrene	10.71	104	287094	48.120	ug/l	99
71) Bromoform	10.85	173	72919	47.844	ug/l #	98
73) Isopropylbenzene	11.02	105	425971	44.333	ug/l	99
74) N-amyl acetate	10.90	43	268848	47.993	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	155325	43.364	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138613m	45.225	ug/l	
77) Bromobenzene	11.26	156	107816	45.209	ug/l	99
78) n-propylbenzene	11.36	91	509592	46.439	ug/l	100
79) 2-Chlorotoluene	11.42	91	303142	44.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373025	46.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55985	46.736	ug/l	97
82) 4-Chlorotoluene	11.51	91	356449	46.606	ug/l	99
83) tert-Butylbenzene	11.77	119	348097	44.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	376553	46.370	ug/l	100
85) sec-Butylbenzene	11.94	105	423649	45.404	ug/l	100
86) p-Isopropyltoluene	12.06	119	392880	46.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196168	46.142	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	196314	45.801	ug/l	100
89) n-Butylbenzene	12.38	91	372595	49.144	ug/l	99
90) Hexachloroethane	12.59	117	65679	45.959	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	190408	43.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35627	44.339	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141088	47.646	ug/l	99
94) Hexachlorobutadiene	13.78	225	70707	46.759	ug/l	100
95) Naphthalene	13.83	128	433572	45.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138345	46.090	ug/l	99

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

