

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080919\
 Data File : VX011398.D
 Acq On : 09 Aug 2019 09:37
 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
 8/12/2019 12:49:41 PM

Quant Time: Aug 11 00:08:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127829	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	99411	57.36	ug/l	0.00
Spiked Amount			Recovery	=	114.72%	
35) Dibromofluoromethane	5.49	113	87676	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	
50) Toluene-d8	8.71	98	326610	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	11.13	95	124693	57.66	ug/l	0.00
Spiked Amount			Recovery	=	115.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	61294	46.116	ug/l	98
3) Chloromethane	1.32	50	63928	42.831	ug/l	99
4) Vinyl Chloride	1.40	62	70803	43.125	ug/l	100
5) Bromomethane	1.63	94	49550	42.317	ug/l	99
6) Chloroethane	1.70	64	47646	46.702	ug/l	98
7) Trichlorofluoromethane	1.92	101	134198	45.970	ug/l	96
8) Diethyl Ether	2.18	74	46179	44.301	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76028	48.133	ug/l	98
10) Methyl Iodide	2.50	142	92070	46.234	ug/l	98
11) Tert butyl alcohol	3.04	59	79423	229.824	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72975	46.607	ug/l	91
13) Acrolein	2.28	56	69472	323.601	ug/l	98
14) Allyl chloride	2.71	41	108888	52.165	ug/l	97
15) Acrylonitrile	3.13	53	200225	242.790	ug/l	99
16) Acetone	2.43	43	240033	290.984	ug/l	97
17) Carbon Disulfide	2.56	76	167923	45.702	ug/l	99
18) Methyl Acetate	2.76	43	92589	49.115	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	236826	51.325	ug/l	97
20) Methylene Chloride	2.84	84	83138	46.020	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	78367	47.315	ug/l	93
22) Diisopropyl ether	3.84	45	232989	50.786	ug/l	96
23) Vinyl Acetate	3.80	43	1007046	264.660	ug/l	99
24) 1,1-Dichloroethane	3.68	63	133580	49.379	ug/l	97
25) 2-Butanone	4.66	43	307674	262.202	ug/l	99
26) 2,2-Dichloropropane	4.57	77	113855	54.142	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	91019	47.710	ug/l	97
28) Bromochloromethane	5.00	49	60302	48.897	ug/l	97
29) Tetrahydrofuran	5.12	42	172873	240.274	ug/l	98
30) Chloroform	5.20	83	150684	51.250	ug/l	100
31) Cyclohexane	5.57	56	109392	49.015	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131153	52.072	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106061	49.428	ug/l	99
37) Ethyl Acetate	4.82	43	105381	48.961	ug/l	99
38) Carbon Tetrachloride	5.77	117	118670	54.971	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121520	47.778	ug/l	99
40) Benzene	6.13	78	317109	49.524	ug/l	96
41) Methacrylonitrile	5.02	41	57997	49.340	ug/l	96
42) 1,2-Dichloroethane	6.18	62	116196	53.665	ug/l	98
43) Isopropyl Acetate	6.43	43	174137	50.605	ug/l	99
44) Trichloroethene	7.20	130	93736	48.364	ug/l	99
45) 1,2-Dichloropropane	7.51	63	81630	49.225	ug/l	97
46) Dibromomethane	7.65	93	60425	49.914	ug/l	96
47) Bromodichloromethane	7.89	83	113413	55.334	ug/l	98
48) Methyl methacrylate	7.76	41	85874	53.027	ug/l	98
49) 1,4-Dioxane	7.73	88	42332	901.661	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	580227	261.273	ug/l	99
52) Toluene	8.78	92	214454	50.656	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	121879	51.000	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	133788	55.880	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	89861	51.625	ug/l	98
56) Ethyl methacrylate	9.17	69	133797	53.939	ug/l	98
57) 1,3-Dichloropropane	9.37	76	141703	51.476	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	379519	311.171	ug/l	99
59) 2-Hexanone	9.49	43	463748	269.601	ug/l	98
60) Dibromochloromethane	9.58	129	99471	55.817	ug/l	98
61) 1,2-Dibromoethane	9.66	107	95930	51.011	ug/l	99
64) Tetrachloroethene	9.33	164	99101	49.990	ug/l	94
65) Chlorobenzene	10.13	112	242734	48.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92261	53.843	ug/l	99
67) Ethyl Benzene	10.25	91	423894	50.570	ug/l	99
68) m/p-Xylenes	10.35	106	331924	102.373	ug/l	97
69) o-Xylene	10.69	106	159550	50.084	ug/l	98
70) Styrene	10.71	104	279854	53.092	ug/l	99
71) Bromoform	10.85	173	74770	48.870	ug/l #	99
73) Isopropylbenzene	11.01	105	441703	50.523	ug/l	99
74) N-amyl acetate	10.90	43	163006	51.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137766	47.286	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	118416m	50.868	ug/l	
77) Bromobenzene	11.25	156	118871	49.034	ug/l	97
78) n-propylbenzene	11.36	91	499074	51.333	ug/l	99
79) 2-Chlorotoluene	11.41	91	295095	50.924	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	376942	51.506	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	41607	47.932	ug/l	97
82) 4-Chlorotoluene	11.51	91	349578	51.763	ug/l	98
83) tert-Butylbenzene	11.77	119	367657	51.221	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	382023	52.429	ug/l	99
85) sec-Butylbenzene	11.94	105	449207	52.089	ug/l	100
86) p-Isopropyltoluene	12.06	119	416065	52.443	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215518	50.314	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212696	48.154	ug/l	97
89) n-Butylbenzene	12.38	91	362364	53.015	ug/l	99
90) Hexachloroethane	12.59	117	65556	55.891	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	210351	48.874	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29895	52.962	ug/l	92

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145588	51.007	ug/l	99
94) Hexachlorobutadiene	13.78	225	74354	51.345	ug/l	100
95) Naphthalene	13.83	128	430365	51.559	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145509	50.145	ug/l	100

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

