

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008443.D
 Acq On : 26 Mar 2019 04:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:47:26 AM

Quant Time: Mar 26 07:31:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146572	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	5.49	113	109138	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
50) Toluene-d8	8.71	98	436363	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	162382	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101094	45.289	ug/l	99
3) Chloromethane	1.32	50	131128	46.505	ug/l	99
4) Vinyl Chloride	1.40	62	143249	45.962	ug/l	99
5) Bromomethane	1.64	94	40474	25.656	ug/l	98
6) Chloroethane	1.71	64	97976	53.065	ug/l	99
7) Trichlorofluoromethane	1.92	101	164177	46.511	ug/l	98
8) Diethyl Ether	2.18	74	78163	46.790	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99172	46.489	ug/l	100
10) Methyl Iodide	2.51	142	38044	20.944	ug/l	99
11) Tert butyl alcohol	3.05	59	163820	257.549	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103699	47.069	ug/l	97
13) Acrolein	2.29	56	118912	257.435	ug/l	99
14) Allyl chloride	2.73	41	226490	46.663	ug/l	99
15) Acrylonitrile	3.14	53	401786	240.894	ug/l	100
16) Acetone	2.44	43	344335	229.481	ug/l	99
17) Carbon Disulfide	2.57	76	308900	42.267	ug/l	99
18) Methyl Acetate	2.77	43	173741	48.211	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	388416	48.924	ug/l	99
20) Methylene Chloride	2.85	84	124180	50.717	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	109631	49.939	ug/l	96
22) Diisopropyl ether	3.85	45	459850	48.116	ug/l	99
23) Vinyl Acetate	3.81	43	2061374	247.225	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232156	48.116	ug/l	99
25) 2-Butanone	4.67	43	586484	243.803	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119927	37.370	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	128475	47.689	ug/l	98
28) Bromochloromethane	5.01	49	112092	47.023	ug/l	100
29) Tetrahydrofuran	5.13	42	385669	243.257	ug/l	100
30) Chloroform	5.21	83	210230	48.280	ug/l	99
31) Cyclohexane	5.58	56	215791	46.893	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	170140	48.883	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161557	45.597	ug/l	99
37) Ethyl Acetate	4.83	43	223465	48.685	ug/l	100
38) Carbon Tetrachloride	5.78	117	139775	47.271	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192513	45.465	ug/l	99
40) Benzene	6.14	78	498674	47.013	ug/l	100
41) Methacrylonitrile	5.04	41	126165	48.911	ug/l	99
42) 1,2-Dichloroethane	6.19	62	178896	46.064	ug/l	100
43) Isopropyl Acetate	6.45	43	356947	48.618	ug/l	100
44) Trichloroethene	7.21	130	114431	45.946	ug/l	98
45) 1,2-Dichloropropane	7.51	63	142665	47.319	ug/l	98
46) Dibromomethane	7.66	93	83247	47.283	ug/l	99
47) Bromodichloromethane	7.90	83	163533	48.527	ug/l	100
48) Methyl methacrylate	7.77	41	179994	48.997	ug/l	100
49) 1,4-Dioxane	7.74	88	71441	978.073	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1184333	248.363	ug/l	100
52) Toluene	8.78	92	299754	47.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176024	47.689	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	198141	47.207	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	122401	47.410	ug/l	99
56) Ethyl methacrylate	9.18	69	229667	49.281	ug/l	100
57) 1,3-Dichloropropane	9.37	76	217175	46.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	567509	235.579	ug/l	100
59) 2-Hexanone	9.49	43	932291	252.315	ug/l	100
60) Dibromochloromethane	9.58	129	120106	48.917	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125416	47.601	ug/l	99
64) Tetrachloroethene	9.34	164	94543	46.812	ug/l	99
65) Chlorobenzene	10.13	112	308072	47.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	108840	48.627	ug/l	100
67) Ethyl Benzene	10.25	91	579651	47.342	ug/l	100
68) m/p-Xylenes	10.36	106	421596	94.650	ug/l	100
69) o-Xylene	10.69	106	205792	47.609	ug/l	99
70) Styrene	10.71	104	366056	49.026	ug/l	99
71) Bromoform	10.85	173	87302	49.389	ug/l	99
73) Isopropylbenzene	11.02	105	545532	46.791	ug/l	100
74) N-amyl acetate	10.90	43	337636	50.032	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213918	47.289	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179671m	42.171	ug/l	
77) Bromobenzene	11.26	156	130668	46.178	ug/l	100
78) n-propylbenzene	11.36	91	646944	47.368	ug/l	100
79) 2-Chlorotoluene	11.42	91	384694	46.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464382	47.113	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61569	46.285	ug/l	99
82) 4-Chlorotoluene	11.51	91	444648	46.403	ug/l	100
83) tert-Butylbenzene	11.77	119	443628	46.650	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	465903	46.732	ug/l	99
85) sec-Butylbenzene	11.94	105	530031	46.802	ug/l	100
86) p-Isopropyltoluene	12.06	119	476216	47.655	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233192	46.124	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	232858	45.637	ug/l	100
89) n-Butylbenzene	12.38	91	442564	46.752	ug/l	100
90) Hexachloroethane	12.60	117	79117	47.524	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	237179	46.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47417	48.073	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	158471	46.491	ug/l	100
94) Hexachlorobutadiene	13.78	225	74213	45.852	ug/l	99
95) Naphthalene	13.83	128	562230	48.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159379	46.531	ug/l	99

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

