

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070919\
 Data File : VX010764.D
 Acq On : 09 Jul 2019 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:20:14 AM

Quant Time: Jul 10 04:51:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159341	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	103907	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	5.49	113	98795	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	8.71	98	363825	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	139647	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88353	60.659	ug/l	99
3) Chloromethane	1.32	50	96278	56.765	ug/l	98
4) Vinyl Chloride	1.41	62	101388	54.577	ug/l	99
5) Bromomethane	1.64	94	49765	54.987	ug/l	99
6) Chloroethane	1.71	64	63385	57.833	ug/l	100
7) Trichlorofluoromethane	1.93	101	171535	58.248	ug/l	98
8) Diethyl Ether	2.19	74	61122	57.876	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96234	53.924	ug/l	98
10) Methyl Iodide	2.51	142	125398	49.235	ug/l	98
11) Tert butyl alcohol	3.05	59	113957	221.705	ug/l	97
12) 1,1-Dichloroethene	2.37	96	98493	54.237	ug/l	98
13) Acrolein	2.29	56	69915	205.043	ug/l	96
14) Allyl chloride	2.73	41	141790	54.997	ug/l	97
15) Acrylonitrile	3.14	53	284270	279.335	ug/l	99
16) Acetone	2.45	43	225964	229.530	ug/l	97
17) Carbon Disulfide	2.57	76	236373	48.517	ug/l	100
18) Methyl Acetate	2.78	43	116051	59.146	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	316457	55.394	ug/l	100
20) Methylene Chloride	2.85	84	110093	54.341	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	102809	52.639	ug/l	98
22) Diisopropyl ether	3.85	45	304227	56.439	ug/l	97
23) Vinyl Acetate	3.81	43	1336793	287.072	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172725	55.435	ug/l	99
25) 2-Butanone	4.67	43	382896	265.147	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122760	45.355	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	120602	53.436	ug/l	98
28) Bromochloromethane	5.02	49	72472	48.648	ug/l	96
29) Tetrahydrofuran	5.13	42	247428	276.617	ug/l	98
30) Chloroform	5.21	83	185309	55.276	ug/l	99
31) Cyclohexane	5.57	56	153263	54.016	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	161650	54.608	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134145	53.085	ug/l	99
37) Ethyl Acetate	4.83	43	144373	55.535	ug/l	98
38) Carbon Tetrachloride	5.79	117	140135	51.212	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170066	51.199	ug/l	97
40) Benzene	6.14	78	419658	53.305	ug/l	98
41) Methacrylonitrile	5.04	41	79549	55.770	ug/l	98
42) 1,2-Dichloroethane	6.19	62	138057	57.608	ug/l	98
43) Isopropyl Acetate	6.44	43	234713	54.571	ug/l	98
44) Trichloroethene	7.21	130	121365	51.519	ug/l	99
45) 1,2-Dichloropropane	7.51	63	105849	53.241	ug/l	97
46) Dibromomethane	7.66	93	76425	53.579	ug/l	97
47) Bromodichloromethane	7.90	83	137865	52.740	ug/l	100
48) Methyl methacrylate	7.77	41	113939	56.992	ug/l	98
49) 1,4-Dioxane	7.74	88	56963	989.077	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	783242	284.731	ug/l	98
52) Toluene	8.78	92	275550	53.149	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148597	50.703	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166962	52.423	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115683	54.103	ug/l	99
56) Ethyl methacrylate	9.18	69	175696	54.243	ug/l	95
57) 1,3-Dichloropropane	9.37	76	180310	54.325	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	370496	240.843	ug/l	99
59) 2-Hexanone	9.49	43	604788	279.349	ug/l	97
60) Dibromochloromethane	9.58	129	121587	50.787	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125167	54.233	ug/l	100
64) Tetrachloroethene	9.34	164	114897	48.321	ug/l	96
65) Chlorobenzene	10.14	112	311612	52.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115518	53.136	ug/l	99
67) Ethyl Benzene	10.25	91	539495	53.543	ug/l	100
68) m/p-Xylenes	10.36	106	420464	107.696	ug/l	98
69) o-Xylene	10.69	106	204180	53.180	ug/l	98
70) Styrene	10.71	104	353816	54.951	ug/l	99
71) Bromoform	10.85	173	92381	48.865	ug/l #	98
73) Isopropylbenzene	11.02	105	548021	50.736	ug/l	98
74) N-amyl acetate	10.90	43	226581	55.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183322	51.248	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149317m	51.425	ug/l	
77) Bromobenzene	11.26	156	149334	49.513	ug/l	98
78) n-propylbenzene	11.36	91	618691	52.117	ug/l	99
79) 2-Chlorotoluene	11.42	91	360596	51.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	460493	51.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53643	43.099	ug/l	91
82) 4-Chlorotoluene	11.51	91	421208	52.365	ug/l	100
83) tert-Butylbenzene	11.77	119	452450	50.625	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	472776	52.847	ug/l	98
85) sec-Butylbenzene	11.94	105	539014	51.366	ug/l	99
86) p-Isopropyltoluene	12.06	119	498523	51.361	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	264110	50.166	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	266022	49.633	ug/l	99
89) n-Butylbenzene	12.38	91	431124	52.271	ug/l	99
90) Hexachloroethane	12.60	117	79122	47.143	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	262635	50.194	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37522	48.651	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.65	180	180790	49.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	85476	48.198	ug/l	97
95) Naphthalene	13.83	128	570542	51.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182741	50.652	ug/l	99

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

