

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012592.D
 Acq On : 21 Sep 2019 05:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:29:17 AM

Quant Time: Sep 21 06:56:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	123859	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.49	113	91254	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	334019	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	137119	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	51451	44.235	ug/l	96
3) Chloromethane	1.32	50	45146	47.055	ug/l	99
4) Vinyl Chloride	1.40	62	50158	48.369	ug/l	99
5) Bromomethane	1.62	94	14033	34.445	ug/l	96
6) Chloroethane	1.71	64	36425	44.887	ug/l	96
7) Trichlorofluoromethane	1.92	101	95339	50.154	ug/l	97
8) Diethyl Ether	2.18	74	41120	47.892	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66116	48.071	ug/l	98
10) Methyl Iodide	2.50	142	31489	28.751	ug/l	97
11) Tert butyl alcohol	3.03	59	151120	237.974	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55325	50.424	ug/l	94
13) Acrolein	2.28	56	43773	198.964	ug/l	100
14) Allyl chloride	2.72	41	120926	47.340	ug/l	99
15) Acrylonitrile	3.13	53	270334	249.420	ug/l	99
16) Acetone	2.44	43	253849	221.204	ug/l	99
17) Carbon Disulfide	2.56	76	63320	41.139	ug/l	98
18) Methyl Acetate	2.76	43	133373	51.173	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	301954	50.475	ug/l	97
20) Methylene Chloride	2.85	84	74828	49.434	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	57947	50.859	ug/l	99
22) Diisopropyl ether	3.84	45	300126	50.180	ug/l	97
23) Vinyl Acetate	3.80	43	1238001	251.627	ug/l	99
24) 1,1-Dichloroethane	3.69	63	145923	50.992	ug/l	99
25) 2-Butanone	4.66	43	396806	228.711	ug/l	100
26) 2,2-Dichloropropane	4.57	77	87229	30.994	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	86397	50.761	ug/l	91
28) Bromochloromethane	5.00	49	73077	49.534	ug/l	95
29) Tetrahydrofuran	5.11	42	242236	252.734	ug/l	99
30) Chloroform	5.20	83	161631	49.180	ug/l	98
31) Cyclohexane	5.57	56	84818	49.100	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	133891	48.743	ug/l	99
36) 1,1-Dichloropropene	5.79	75	87722	49.751	ug/l	98
37) Ethyl Acetate	4.82	43	141903	52.429	ug/l	99
38) Carbon Tetrachloride	5.78	117	108290	49.380	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84756	49.446	ug/l	98
40) Benzene	6.14	78	291587	52.004	ug/l	98
41) Methacrylonitrile	5.03	41	87291	50.088	ug/l	97
42) 1,2-Dichloroethane	6.18	62	128489	49.407	ug/l	99
43) Isopropyl Acetate	6.43	43	245627	50.564	ug/l	100
44) Trichloroethene	7.21	130	77464	52.520	ug/l	99
45) 1,2-Dichloropropane	7.51	63	89060	51.700	ug/l	98
46) Dibromomethane	7.65	93	56435	50.626	ug/l	98
47) Bromodichloromethane	7.89	83	126624	51.015	ug/l	99
48) Methyl methacrylate	7.76	41	115392	50.391	ug/l	98
49) 1,4-Dioxane	7.73	88	54379	975.716	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	803639	252.265	ug/l	99
52) Toluene	8.78	92	187742	51.963	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123746	47.961	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	129734	48.569	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96805	52.007	ug/l	98
56) Ethyl methacrylate	9.17	69	151017	51.891	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156024	52.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	403886	268.100	ug/l	100
59) 2-Hexanone	9.49	43	616947	248.231	ug/l	99
60) Dibromochloromethane	9.58	129	101652	53.613	ug/l	98
61) 1,2-Dibromoethane	9.67	107	89728	52.781	ug/l	99
64) Tetrachloroethene	9.33	164	72096	59.430	ug/l	94
65) Chlorobenzene	10.14	112	220325	50.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	93618	51.624	ug/l	98
67) Ethyl Benzene	10.25	91	383684	51.110	ug/l	100
68) m/p-Xylenes	10.35	106	285088	104.373	ug/l	98
69) o-Xylene	10.70	106	145254	51.709	ug/l	100
70) Styrene	10.71	104	261110	52.537	ug/l	99
71) Bromoform	10.85	173	70284	45.300	ug/l #	99
73) Isopropylbenzene	11.01	105	406441	50.565	ug/l	99
74) N-amyl acetate	10.89	43	220081	50.856	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157879	50.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146289m	49.712	ug/l	
77) Bromobenzene	11.25	156	100010	51.017	ug/l	99
78) n-propylbenzene	11.35	91	447268	49.925	ug/l	99
79) 2-Chlorotoluene	11.42	91	287442	49.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	344645	50.275	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	39310	37.498	ug/l	96
82) 4-Chlorotoluene	11.51	91	333339	49.834	ug/l	100
83) tert-Butylbenzene	11.77	119	357046	48.607	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	353923	50.283	ug/l	99
85) sec-Butylbenzene	11.94	105	404446	49.967	ug/l	99
86) p-Isopropyltoluene	12.06	119	370511	49.849	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185370	50.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	191424	50.536	ug/l	98
89) n-Butylbenzene	12.39	91	311432	46.961	ug/l	99
90) Hexachloroethane	12.59	117	66284	48.637	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	196338	50.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40227	49.210	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128138	51.616	ug/l	99
94) Hexachlorobutadiene	13.78	225	51824	44.292	ug/l	98
95) Naphthalene	13.83	128	474755	53.746	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	132576	52.406	ug/l	100

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

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