

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010633.D
 Acq On : 03 Jul 2019 12:20
 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
 7/8/2019 2:41:13 PM

Quant Time: Jul 04 03:49:24 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	250696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	362810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111734	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.49	113	107371	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	399755	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	146309	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104748	60.100	ug/l	99
3) Chloromethane	1.32	50	102401	50.456	ug/l	99
4) Vinyl Chloride	1.41	62	113083	50.871	ug/l	99
5) Bromomethane	1.64	94	55479	51.229	ug/l	98
6) Chloroethane	1.71	64	71880	54.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	196792	55.846	ug/l	97
8) Diethyl Ether	2.19	74	66377	52.525	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112407	52.638	ug/l	99
10) Methyl Iodide	2.51	142	125281	41.108	ug/l	97
11) Tert butyl alcohol	3.05	59	130561	212.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111350	51.243	ug/l	98
13) Acrolein	2.29	56	105319	258.127	ug/l	100
14) Allyl chloride	2.73	41	158457	51.364	ug/l	98
15) Acrylonitrile	3.14	53	303334	249.096	ug/l	100
16) Acetone	2.45	43	347923	295.348	ug/l	98
17) Carbon Disulfide	2.57	76	293416	50.330	ug/l	99
18) Methyl Acetate	2.77	43	116471	49.608	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	347602	50.849	ug/l	100
20) Methylene Chloride	2.85	84	122549	50.551	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	118783	50.826	ug/l	96
22) Diisopropyl ether	3.85	45	331054	51.326	ug/l	92
23) Vinyl Acetate	3.81	43	1480806	265.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192184	51.547	ug/l	99
25) 2-Butanone	4.67	43	450454	260.680	ug/l	99
26) 2,2-Dichloropropane	4.58	77	165348	51.052	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134730	49.888	ug/l	98
28) Bromochloromethane	5.01	49	82385	46.216	ug/l	94
29) Tetrahydrofuran	5.12	42	262286	245.051	ug/l	99
30) Chloroform	5.21	83	203573	50.747	ug/l	99
31) Cyclohexane	5.57	56	177798	52.368	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182573	51.543	ug/l	99
36) 1,1-Dichloropropene	5.79	75	152177	52.783	ug/l	98
37) Ethyl Acetate	4.83	43	156245	52.679	ug/l	98
38) Carbon Tetrachloride	5.78	117	160121	51.288	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203470	53.690	ug/l	98
40) Benzene	6.14	78	470808	52.416	ug/l	98
41) Methacrylonitrile	5.04	41	83129	51.081	ug/l	99
42) 1,2-Dichloroethane	6.19	62	150865	55.177	ug/l	98
43) Isopropyl Acetate	6.44	43	253158	51.589	ug/l	98
44) Trichloroethene	7.21	130	138135	51.395	ug/l	98
45) 1,2-Dichloropropane	7.51	63	117615	51.853	ug/l	98
46) Dibromomethane	7.66	93	84231	51.758	ug/l	97
47) Bromodichloromethane	7.90	83	154728	51.880	ug/l	98
48) Methyl methacrylate	7.77	41	120750	52.939	ug/l	98
49) 1,4-Dioxane	7.74	88	61597	937.437	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	819119	260.994	ug/l	98
52) Toluene	8.78	92	308967	52.234	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172770	51.670	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	191072	52.583	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127370	52.211	ug/l	99
56) Ethyl methacrylate	9.18	69	189979	51.408	ug/l	96
57) 1,3-Dichloropropane	9.37	76	199160	52.592	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415884	236.956	ug/l	99
59) 2-Hexanone	9.49	43	640819	259.433	ug/l	98
60) Dibromochloromethane	9.58	129	138350	50.651	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138022	52.417	ug/l	100
64) Tetrachloroethene	9.34	164	134048	50.221	ug/l	98
65) Chlorobenzene	10.13	112	343064	51.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	127326	52.174	ug/l	99
67) Ethyl Benzene	10.25	91	600245	53.069	ug/l	99
68) m/p-Xylenes	10.35	106	466129	106.359	ug/l	99
69) o-Xylene	10.69	106	222976	51.736	ug/l	99
70) Styrene	10.71	104	381850	52.830	ug/l	99
71) Bromoform	10.85	173	105813	49.859	ug/l	99
73) Isopropylbenzene	11.02	105	604823	51.334	ug/l	99
74) N-amyl acetate	10.90	43	229946	51.642	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	188869	48.404	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159161m	50.252	ug/l	
77) Bromobenzene	11.26	156	164741	50.075	ug/l	99
78) n-propylbenzene	11.36	91	685607	52.946	ug/l	99
79) 2-Chlorotoluene	11.42	91	391687	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	502118	51.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62068	45.717	ug/l	94
82) 4-Chlorotoluene	11.51	91	458406	52.245	ug/l	100
83) tert-Butylbenzene	11.77	119	502228	51.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	508459	52.104	ug/l	100
85) sec-Butylbenzene	11.94	105	601326	52.534	ug/l	99
86) p-Isopropyltoluene	12.06	119	554735	52.395	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	287150	50.002	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	289544	49.525	ug/l	99
89) n-Butylbenzene	12.38	91	487139	54.146	ug/l	99
90) Hexachloroethane	12.59	117	90456	49.410	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	275116	48.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39466	46.912	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	199759	50.468	ug/l	99
94) Hexachlorobutadiene	13.78	225	98747	51.046	ug/l	99
95) Naphthalene	13.83	128	597414	49.116	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196059	49.820	ug/l	99

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

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