

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010662.D
 Acq On : 04 Jul 2019 02:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:13 AM

Quant Time: Jul 04 05:44:37 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	5.65	168	236088	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	353333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112098	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.49	113	107299	49.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	396293	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	148275	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96648	58.883	ug/l	96
3) Chloromethane	1.32	50	100273	52.464	ug/l	100
4) Vinyl Chloride	1.41	62	109648	52.378	ug/l	99
5) Bromomethane	1.64	94	56473	55.373	ug/l	97
6) Chloroethane	1.71	64	68907	55.792	ug/l	97
7) Trichlorofluoromethane	1.92	101	182858	55.102	ug/l	98
8) Diethyl Ether	2.18	74	64276	54.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104234	51.831	ug/l	98
10) Methyl Iodide	2.51	142	138401	48.223	ug/l	97
11) Tert butyl alcohol	3.04	59	129910	224.286	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105352	51.483	ug/l	94
13) Acrolein	2.29	56	82446	214.570	ug/l	99
14) Allyl chloride	2.73	41	145038	49.923	ug/l	97
15) Acrylonitrile	3.14	53	290296	253.139	ug/l	100
16) Acetone	2.44	43	233664	210.628	ug/l	97
17) Carbon Disulfide	2.57	76	273457	49.809	ug/l	99
18) Methyl Acetate	2.77	43	116169	52.541	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	330337	51.313	ug/l	100
20) Methylene Chloride	2.85	84	117208	51.339	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	111862	50.826	ug/l	95
22) Diisopropyl ether	3.85	45	314862	51.836	ug/l	98
23) Vinyl Acetate	3.81	43	1368359	260.766	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181223	51.614	ug/l	100
25) 2-Butanone	4.67	43	390426	239.922	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104888	34.389	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	127214	50.019	ug/l	99
28) Bromochloromethane	5.01	49	80425	47.908	ug/l	95
29) Tetrahydrofuran	5.12	42	252206	250.213	ug/l	99
30) Chloroform	5.21	83	195317	51.702	ug/l	98
31) Cyclohexane	5.57	56	166530	52.084	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	171574	51.435	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143030	50.941	ug/l	99
37) Ethyl Acetate	4.82	43	147356	51.014	ug/l	98
38) Carbon Tetrachloride	5.78	117	152047	50.008	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185159	50.168	ug/l	99
40) Benzene	6.14	78	441244	50.442	ug/l	98
41) Methacrylonitrile	5.04	41	81391	51.355	ug/l	99
42) 1,2-Dichloroethane	6.19	62	145889	54.789	ug/l	99
43) Isopropyl Acetate	6.44	43	242912	50.829	ug/l	98
44) Trichloroethene	7.21	130	130759	49.956	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111290	50.380	ug/l	98
46) Dibromomethane	7.66	93	81405	51.363	ug/l	96
47) Bromodichloromethane	7.89	83	147449	50.765	ug/l	100
48) Methyl methacrylate	7.77	41	117952	53.099	ug/l	98
49) 1,4-Dioxane	7.74	88	61354	958.783	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	788194	257.877	ug/l	98
52) Toluene	8.78	92	293019	50.866	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	154810	47.540	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172207	48.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121419	51.107	ug/l	98
56) Ethyl methacrylate	9.18	69	184080	51.148	ug/l	95
57) 1,3-Dichloropropane	9.37	76	188065	50.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	402074	235.232	ug/l	99
59) 2-Hexanone	9.49	43	598155	248.655	ug/l	98
60) Dibromochloromethane	9.58	129	131710	49.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131139	51.139	ug/l	100
64) Tetrachloroethene	9.34	164	127248	48.169	ug/l	98
65) Chlorobenzene	10.13	112	327901	49.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	120018	49.691	ug/l	99
67) Ethyl Benzene	10.25	91	569749	50.897	ug/l	100
68) m/p-Xylenes	10.36	106	442794	102.085	ug/l	98
69) o-Xylene	10.69	106	213393	50.027	ug/l	98
70) Styrene	10.71	104	364882	51.008	ug/l	98
71) Bromoform	10.85	173	98584	46.936	ug/l #	99
73) Isopropylbenzene	11.02	105	576376	48.717	ug/l	98
74) N-amyl acetate	10.90	43	223148	49.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182176	46.495	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149733m	47.079	ug/l	
77) Bromobenzene	11.25	156	155506	47.072	ug/l	98
78) n-propylbenzene	11.36	91	651675	50.117	ug/l	99
79) 2-Chlorotoluene	11.42	91	376777	48.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	481370	49.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51118	37.496	ug/l	92
82) 4-Chlorotoluene	11.51	91	440624	50.010	ug/l	99
83) tert-Butylbenzene	11.77	119	473771	48.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	486325	49.629	ug/l	99
85) sec-Butylbenzene	11.94	105	571506	49.722	ug/l	100
86) p-Isopropyltoluene	12.06	119	521961	49.095	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	274443	47.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274501	46.757	ug/l	100
89) n-Butylbenzene	12.38	91	450280	49.842	ug/l	99
90) Hexachloroethane	12.59	117	85287	46.393	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	268563	46.859	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38096	45.096	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	186967	47.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	91556	47.133	ug/l	100
95) Naphthalene	13.83	128	575324	47.103	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	189674	47.997	ug/l	99

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

