

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX093019\
 Data File : VX012695.D
 Acq On : 30 Sep 2019 10:22
 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
 10/1/2019 10:07:34 AM

Quant Time: Oct 01 03:56:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	202908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	343297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	146832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	136450	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.48	113	104035	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	8.71	98	396616	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	155393	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104742	45.886	ug/l	97
3) Chloromethane	1.31	50	111438	42.515	ug/l	99
4) Vinyl Chloride	1.40	62	119224	45.762	ug/l	97
5) Bromomethane	1.62	94	42404	41.396	ug/l	95
6) Chloroethane	1.71	64	76761	43.705	ug/l	98
7) Trichlorofluoromethane	1.92	101	170947	46.733	ug/l	97
8) Diethyl Ether	2.18	74	68034	45.385	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	108489	48.694	ug/l	96
10) Methyl Iodide	2.50	142	99418	43.115	ug/l	95
11) Tert butyl alcohol	3.03	59	154693	209.579	ug/l	100
12) 1,1-Dichloroethene	2.36	96	104270	47.795	ug/l	98
13) Acrolein	2.28	56	108114	262.411	ug/l	97
14) Allyl chloride	2.72	41	202118	46.696	ug/l	98
15) Acrylonitrile	3.13	53	325757	217.538	ug/l	98
16) Acetone	2.43	43	406552	259.767	ug/l	97
17) Carbon Disulfide	2.56	76	278263	45.497	ug/l	99
18) Methyl Acetate	2.76	43	156046	42.344	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	387854	46.969	ug/l	98
20) Methylene Chloride	2.84	84	121378	45.853	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	113365	46.904	ug/l	97
22) Diisopropyl ether	3.84	45	390611	46.704	ug/l	93
23) Vinyl Acetate	3.80	43	1706478	232.667	ug/l	98
24) 1,1-Dichloroethane	3.68	63	211233	46.464	ug/l	99
25) 2-Butanone	4.65	43	514438	229.243	ug/l	96
26) 2,2-Dichloropropane	4.56	77	191369	47.329	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	129602	46.214	ug/l	96
28) Bromochloromethane	5.00	49	76046	46.068	ug/l	98
29) Tetrahydrofuran	5.11	42	292945	214.177	ug/l	97
30) Chloroform	5.19	83	215000	46.225	ug/l	97
31) Cyclohexane	5.56	56	195174	47.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	194937	47.290	ug/l	99
36) 1,1-Dichloropropene	5.78	75	160171	48.405	ug/l	97
37) Ethyl Acetate	4.81	43	177975	46.005	ug/l	98
38) Carbon Tetrachloride	5.77	117	168219	50.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	198526	49.836	ug/l	98
40) Benzene	6.13	78	472834	48.565	ug/l	98
41) Methacrylonitrile	5.03	41	96636	44.521	ug/l	96
42) 1,2-Dichloroethane	6.18	62	177575	48.030	ug/l	99
43) Isopropyl Acetate	6.43	43	300102	46.387	ug/l	98
44) Trichloroethene	7.20	130	123455	49.601	ug/l	92
45) 1,2-Dichloropropane	7.50	63	123279	49.457	ug/l	98
46) Dibromomethane	7.65	93	81822	48.212	ug/l	97
47) Bromodichloromethane	7.89	83	168990	49.821	ug/l	98
48) Methyl methacrylate	7.76	41	145341	46.853	ug/l	94
49) 1,4-Dioxane	7.73	88	62695	891.051	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	898084	224.886	ug/l	96
52) Toluene	8.78	92	301663	49.298	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	193817	51.645	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	208108	50.788	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	120766	49.640	ug/l	98
56) Ethyl methacrylate	9.17	69	200771	49.123	ug/l	93
57) 1,3-Dichloropropane	9.36	76	207116	48.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	469537	255.933	ug/l	99
59) 2-Hexanone	9.48	43	719853	235.494	ug/l	95
60) Dibromochloromethane	9.57	129	130060	52.812	ug/l	100
61) 1,2-Dibromoethane	9.67	107	125044	49.388	ug/l	100
64) Tetrachloroethene	9.33	164	113775	53.139	ug/l	92
65) Chlorobenzene	10.14	112	315591	48.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	119708	51.091	ug/l	99
67) Ethyl Benzene	10.25	91	586306	49.988	ug/l	99
68) m/p-Xylenes	10.35	106	437445	99.563	ug/l	100
69) o-Xylene	10.70	106	210800	49.584	ug/l	99
70) Styrene	10.71	104	368315	51.678	ug/l	99
71) Bromoform	10.85	173	88010	53.945	ug/l #	99
73) Isopropylbenzene	11.01	105	574961	48.078	ug/l	100
74) N-amyl acetate	10.89	43	266998	46.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	183406	46.307	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	182481m	46.982	ug/l	
77) Bromobenzene	11.25	156	127823	47.226	ug/l	97
78) n-propylbenzene	11.35	91	654996	48.649	ug/l	100
79) 2-Chlorotoluene	11.42	91	391565	46.621	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	489702	48.831	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63633	46.950	ug/l	96
82) 4-Chlorotoluene	11.51	91	464633	48.529	ug/l	98
83) tert-Butylbenzene	11.76	119	468482	48.427	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	491140	48.548	ug/l	99
85) sec-Butylbenzene	11.94	105	556113	49.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	512170	50.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243123	49.913	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	244291	49.632	ug/l	99
89) n-Butylbenzene	12.38	91	446170	49.871	ug/l	99
90) Hexachloroethane	12.59	117	90806	50.168	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	240628	49.344	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45699	46.126	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152996	51.445	ug/l	100
94) Hexachlorobutadiene	13.77	225	69154	54.052	ug/l	100
95) Naphthalene	13.83	128	527116	48.989	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150831	50.630	ug/l	98

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

