

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071219\
 Data File : VX010868.D
 Acq On : 13 Jul 2019 04:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 10:59:59 AM

Quant Time: Jul 15 09:13:19 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	255571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	364027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110260	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	5.50	113	103499	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	
50) Toluene-d8	8.71	98	371167	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	
62) 4-Bromofluorobenzene	11.13	95	143533	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	82001	46.151	ug/l	97
3) Chloromethane	1.32	50	90561	43.771	ug/l	100
4) Vinyl Chloride	1.41	62	97026	42.815	ug/l	97
5) Bromomethane	1.64	94	48414	43.852	ug/l	98
6) Chloroethane	1.71	64	61774	46.204	ug/l	98
7) Trichlorofluoromethane	1.92	101	168299	46.849	ug/l	100
8) Diethyl Ether	2.19	74	60891	47.265	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92683	42.574	ug/l	98
10) Methyl Iodide	2.51	142	117621	37.858	ug/l	95
11) Tert butyl alcohol	3.05	59	136940	218.400	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95929	43.304	ug/l	95
13) Acrolein	2.29	56	89091	214.189	ug/l	97
14) Allyl chloride	2.73	41	139605	44.390	ug/l	96
15) Acrylonitrile	3.14	53	290541	234.039	ug/l	99
16) Acetone	2.45	43	244589	203.668	ug/l	97
17) Carbon Disulfide	2.57	76	226559	38.121	ug/l	99
18) Methyl Acetate	2.78	43	90742	37.912	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	328364	47.118	ug/l	98
20) Methylene Chloride	2.85	84	111832	45.250	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103055	43.255	ug/l	99
22) Diisopropyl ether	3.85	45	308502	46.917	ug/l	92
23) Vinyl Acetate	3.81	43	1043759	183.744	ug/l	97
24) 1,1-Dichloroethane	3.70	63	176732	46.498	ug/l	100
25) 2-Butanone	4.67	43	395813	224.690	ug/l	100
26) 2,2-Dichloropropane	4.58	77	91139	27.603	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122008	44.315	ug/l	100
28) Bromochloromethane	5.02	49	78069	42.960	ug/l	95
29) Tetrahydrofuran	5.13	42	256866	235.410	ug/l	98
30) Chloroform	5.21	83	190141	46.495	ug/l	100
31) Cyclohexane	5.57	56	151302	43.714	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	164358	45.516	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134984	43.117	ug/l	99
37) Ethyl Acetate	4.84	43	119798	37.196	ug/l	99
38) Carbon Tetrachloride	5.79	117	141543	41.752	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161244	39.183	ug/l	97
40) Benzene	6.14	78	424345	43.507	ug/l	100
41) Methacrylonitrile	5.04	41	83547	47.278	ug/l	96
42) 1,2-Dichloroethane	6.19	62	146679	49.404	ug/l	97
43) Isopropyl Acetate	6.45	43	211352	39.664	ug/l	98
44) Trichloroethene	7.21	130	122682	42.036	ug/l	100
45) 1,2-Dichloropropane	7.51	63	108216	43.936	ug/l	100
46) Dibromomethane	7.66	93	78846	44.617	ug/l	96
47) Bromodichloromethane	7.90	83	142875	44.117	ug/l	99
48) Methyl methacrylate	7.77	41	118410	47.807	ug/l	96
49) 1,4-Dioxane	7.74	88	64603	905.429	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	803846	235.872	ug/l	98
52) Toluene	8.78	92	274489	42.735	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143025	39.391	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	159062	40.312	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116858	44.114	ug/l	99
56) Ethyl methacrylate	9.18	69	180772	45.048	ug/l	95
57) 1,3-Dichloropropane	9.37	76	186154	45.270	ug/l	100
59) 2-Hexanone	9.49	43	626243	233.481	ug/l	98
60) Dibromochloromethane	9.58	129	123200	41.537	ug/l	100
61) 1,2-Dibromoethane	9.67	107	126201	44.137	ug/l	99
64) Tetrachloroethene	9.34	164	111542	37.883	ug/l	99
65) Chlorobenzene	10.14	112	313147	42.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114620	42.578	ug/l	100
67) Ethyl Benzene	10.25	91	545280	43.704	ug/l	97
68) m/p-Xylenes	10.36	106	415248	85.894	ug/l	96
69) o-Xylene	10.69	106	206189	43.370	ug/l	98
70) Styrene	10.71	104	351698	44.111	ug/l	98
71) Bromoform	10.85	173	94301	40.282	ug/l	99
73) Isopropylbenzene	11.02	105	546667	42.814	ug/l	99
74) N-amyl acetate	10.90	43	176160	36.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	184571	43.649	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	153466m	44.711	ug/l	
77) Bromobenzene	11.26	156	150249	42.142	ug/l	97
78) n-propylbenzene	11.36	91	614131	43.763	ug/l	99
79) 2-Chlorotoluene	11.42	91	366314	43.837	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	462294	43.919	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46649	31.706	ug/l	88
82) 4-Chlorotoluene	11.51	91	424213	44.614	ug/l	99
83) tert-Butylbenzene	11.77	119	458696	43.418	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	468440	44.296	ug/l	98
85) sec-Butylbenzene	11.94	105	536489	43.250	ug/l	99
86) p-Isopropyltoluene	12.06	119	492029	42.883	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	262012	42.101	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	259932	41.026	ug/l	98
89) n-Butylbenzene	12.38	91	410885	42.143	ug/l	99
90) Hexachloroethane	12.60	117	77947	39.289	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	260366	42.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38600	42.339	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	174623	40.710	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81376	38.817	ug/l	99
95) Naphthalene	13.83	128	550081	41.731	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	177206	41.551	ug/l	99

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

