

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009059.D
 Acq On : 19 Apr 2019 10:36
 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
 4/22/2019 10:50:49 AM

Quant Time: Apr 19 11:50:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	221231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	359228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	158660	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	5.50	113	117288	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	459208	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	164961	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131410	51.571	ug/l	99
3) Chloromethane	1.33	50	135043	43.168	ug/l	99
4) Vinyl Chloride	1.41	62	145204	47.689	ug/l	100
5) Bromomethane	1.64	94	75148	40.228	ug/l	98
6) Chloroethane	1.71	64	85427	47.713	ug/l	97
7) Trichlorofluoromethane	1.92	101	178745	50.281	ug/l	100
8) Diethyl Ether	2.19	74	78888	48.523	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110894	48.789	ug/l	100
10) Methyl Iodide	2.51	142	81441	34.292	ug/l	99
11) Tert butyl alcohol	3.06	59	168677	243.731	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109922	46.333	ug/l	100
13) Acrolein	2.29	56	151705	253.701	ug/l	99
14) Allyl chloride	2.73	41	270913	52.341	ug/l	100
15) Acrylonitrile	3.15	53	442497	251.878	ug/l	100
16) Acetone	2.45	43	417734	258.370	ug/l	99
17) Carbon Disulfide	2.57	76	322851	46.402	ug/l	100
18) Methyl Acetate	2.78	43	210313	52.120	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	431147	51.003	ug/l	97
20) Methylene Chloride	2.85	84	129883	46.975	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	122624	48.459	ug/l	97
22) Diisopropyl ether	3.86	45	517464	51.449	ug/l	89
23) Vinyl Acetate	3.82	43	2334145	264.008	ug/l	99
24) 1,1-Dichloroethane	3.70	63	256245	50.753	ug/l	100
25) 2-Butanone	4.68	43	673719	260.691	ug/l	100
26) 2,2-Dichloropropane	4.59	77	194220	51.319	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	142160	49.481	ug/l	98
28) Bromochloromethane	5.02	49	109491	52.300	ug/l	99
29) Tetrahydrofuran	5.13	42	435814	251.951	ug/l	99
30) Chloroform	5.21	83	230220	50.957	ug/l	100
31) Cyclohexane	5.57	56	252436	50.835	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	193026	51.549	ug/l	99
36) 1,1-Dichloropropene	5.80	75	180967	48.710	ug/l	99
37) Ethyl Acetate	4.84	43	250161	52.328	ug/l	100
38) Carbon Tetrachloride	5.78	117	161206	51.183	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231803	51.245	ug/l	100
40) Benzene	6.14	78	543425	49.582	ug/l	99
41) Methacrylonitrile	5.04	41	141158	51.448	ug/l	99
42) 1,2-Dichloroethane	6.19	62	194941	50.210	ug/l	99
43) Isopropyl Acetate	6.45	43	397830	51.640	ug/l	99
44) Trichloroethene	7.21	130	131119	48.826	ug/l	96
45) 1,2-Dichloropropane	7.51	63	156152	51.355	ug/l	98
46) Dibromomethane	7.66	93	87755	49.592	ug/l	99
47) Bromodichloromethane	7.90	83	178103	51.315	ug/l	99
48) Methyl methacrylate	7.77	41	196842	51.711	ug/l	99
49) 1,4-Dioxane	7.74	88	63307	888.546	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1251160	254.922	ug/l	99
52) Toluene	8.78	92	320483	48.790	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	209366	52.416	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	230792	51.602	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130786	50.238	ug/l	98
56) Ethyl methacrylate	9.18	69	238214	51.032	ug/l	99
57) 1,3-Dichloropropane	9.37	76	232741	50.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	644735	256.487	ug/l	99
59) 2-Hexanone	9.49	43	970422	256.456	ug/l	99
60) Dibromochloromethane	9.58	129	131302	52.625	ug/l	100
61) 1,2-Dibromoethane	9.67	107	133427	49.659	ug/l	99
64) Tetrachloroethene	9.34	164	114663	48.689	ug/l	99
65) Chlorobenzene	10.13	112	324642	49.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	119518	51.849	ug/l	100
67) Ethyl Benzene	10.25	91	612944	51.243	ug/l	99
68) m/p-Xylenes	10.36	106	440035	101.225	ug/l	98
69) o-Xylene	10.69	106	213814	50.550	ug/l	98
70) Styrene	10.71	104	377592	51.514	ug/l	100
71) Bromoform	10.85	173	95476	51.989	ug/l #	98
73) Isopropylbenzene	11.02	105	582131	50.547	ug/l	100
74) N-amyl acetate	10.90	43	338115	51.132	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	207099	49.216	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179107m	48.277	ug/l	
77) Bromobenzene	11.26	156	139177	47.898	ug/l	99
78) n-propylbenzene	11.36	91	682143	51.605	ug/l	100
79) 2-Chlorotoluene	11.42	91	395734	49.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492530	50.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	72204	49.965	ug/l	97
82) 4-Chlorotoluene	11.51	91	459594	49.681	ug/l	99
83) tert-Butylbenzene	11.77	119	478855	51.609	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	495669	50.386	ug/l	100
85) sec-Butylbenzene	11.94	105	574859	51.947	ug/l	100
86) p-Isopropyltoluene	12.06	119	525379	51.639	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	247558	48.678	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	251259	48.737	ug/l	99
89) n-Butylbenzene	12.39	91	502010	52.982	ug/l	99
90) Hexachloroethane	12.60	117	88209	52.560	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	247020	49.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47251	49.319	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184052	50.771	ug/l	100
94) Hexachlorobutadiene	13.78	225	93807	51.883	ug/l	99
95) Naphthalene	13.83	128	592376	51.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183919	51.419	ug/l	99

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

