

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009248.D
 Acq On : 30 Apr 2019 16:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:24:47 AM

Quant Time: May 01 02:36:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124921	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
35) Dibromofluoromethane	5.49	113	92780	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.71	98	383905	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	141220	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87372	48.399	ug/l	99
3) Chloromethane	1.32	50	113061	45.873	ug/l	98
4) Vinyl Chloride	1.40	62	114121	47.484	ug/l	98
5) Bromomethane	1.64	94	65250	45.234	ug/l	98
6) Chloroethane	1.71	64	72582	47.039	ug/l	99
7) Trichlorofluoromethane	1.92	101	139745	47.835	ug/l	100
8) Diethyl Ether	2.18	74	63804	46.108	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89910	49.010	ug/l	99
10) Methyl Iodide	2.51	142	96644	45.768	ug/l	99
11) Tert butyl alcohol	3.05	59	143390	231.636	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88913	48.372	ug/l	99
13) Acrolein	2.29	56	103624	184.840	ug/l	99
14) Allyl chloride	2.72	41	208619	46.572	ug/l	99
15) Acrylonitrile	3.14	53	346049	228.630	ug/l	100
16) Acetone	2.44	43	349063	243.083	ug/l	99
17) Carbon Disulfide	2.56	76	240681	46.638	ug/l	100
18) Methyl Acetate	2.77	43	153901	45.065	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	338981	47.491	ug/l	100
20) Methylene Chloride	2.85	84	105126	45.214	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	93935	47.122	ug/l	97
22) Diisopropyl ether	3.85	45	412288	47.859	ug/l	94
23) Vinyl Acetate	3.81	43	1812189	245.661	ug/l	100
24) 1,1-Dichloroethane	3.69	63	199435	46.929	ug/l	99
25) 2-Butanone	4.67	43	537191	240.733	ug/l	100
26) 2,2-Dichloropropane	4.58	77	151794	47.987	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	112624	47.333	ug/l	99
28) Bromochloromethane	5.01	49	82356	48.034	ug/l	100
29) Tetrahydrofuran	5.12	42	338226	235.542	ug/l	100
30) Chloroform	5.20	83	181813	47.303	ug/l	99
31) Cyclohexane	5.57	56	192604	48.714	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	149830	46.828	ug/l	99
36) 1,1-Dichloropropene	5.79	75	142341	49.887	ug/l	99
37) Ethyl Acetate	4.82	43	194710	48.978	ug/l	99
38) Carbon Tetrachloride	5.78	117	125035	48.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180315	51.458	ug/l	99
40) Benzene	6.13	78	429041	48.587	ug/l	98
41) Methacrylonitrile	5.04	41	110850	46.842	ug/l	99
42) 1,2-Dichloroethane	6.19	62	154121	48.655	ug/l	100
43) Isopropyl Acetate	6.44	43	312589	49.157	ug/l	100
44) Trichloroethene	7.21	130	102699	48.108	ug/l	100
45) 1,2-Dichloropropane	7.51	63	123351	49.332	ug/l	97
46) Dibromomethane	7.66	93	68791	47.376	ug/l	98
47) Bromodichloromethane	7.90	83	140382	48.468	ug/l	97
48) Methyl methacrylate	7.77	41	157130	49.806	ug/l	99
49) 1,4-Dioxane	7.74	88	60782	950.017	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1009687	242.925	ug/l	100
52) Toluene	8.78	92	265794	49.517	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	165680	50.666	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	182504	50.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	106234	48.511	ug/l	98
56) Ethyl methacrylate	9.18	69	195279	49.955	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189511	49.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	498845	240.550	ug/l	100
59) 2-Hexanone	9.49	43	805607	246.789	ug/l	100
60) Dibromochloromethane	9.58	129	105887	49.507	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108862	49.246	ug/l	100
64) Tetrachloroethene	9.34	164	93425	48.740	ug/l	98
65) Chlorobenzene	10.13	112	272876	48.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	98813	48.758	ug/l	100
67) Ethyl Benzene	10.25	91	511738	49.743	ug/l	98
68) m/p-Xylenes	10.36	106	373274	99.290	ug/l	98
69) o-Xylene	10.69	106	182663	49.245	ug/l	100
70) Styrene	10.71	104	321599	49.884	ug/l	99
71) Bromoform	10.85	173	80004	48.578	ug/l #	99
73) Isopropylbenzene	11.02	105	494933	47.417	ug/l	99
74) N-amyl acetate	10.90	43	295785	48.606	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	178212	45.800	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	152223m	45.719	ug/l	
77) Bromobenzene	11.26	156	120157	46.379	ug/l	99
78) n-propylbenzene	11.36	91	585974	49.156	ug/l	99
79) 2-Chlorotoluene	11.42	91	339955	46.225	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	424861	48.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60594	46.564	ug/l	99
82) 4-Chlorotoluene	11.51	91	396848	47.765	ug/l	99
83) tert-Butylbenzene	11.77	119	405827	47.467	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	429368	48.672	ug/l	99
85) sec-Butylbenzene	11.94	105	496667	48.999	ug/l	100
86) p-Isopropyltoluene	12.06	119	458124	50.275	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222133	48.097	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222092	47.698	ug/l	99
89) n-Butylbenzene	12.38	91	434605	52.768	ug/l	100
90) Hexachloroethane	12.60	117	73319	47.228	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	223830	47.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41226	47.230	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	168909	52.508	ug/l	98
94) Hexachlorobutadiene	13.78	225	84813	51.630	ug/l	100
95) Naphthalene	13.83	128	527893	50.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164601	50.479	ug/l	100

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

