

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051719\
 Data File : VX009689.D
 Acq On : 18 May 2019 02:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 11:11:06 AM

Quant Time: May 18 06:47:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	138344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	224912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	91283	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	67872	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	8.71	98	263734	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.13	95	100536	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51759	40.600	ug/l	100
3) Chloromethane	1.32	50	81875	47.041	ug/l	99
4) Vinyl Chloride	1.41	62	80819	47.618	ug/l	98
5) Bromomethane	1.64	94	51369	50.426	ug/l	97
6) Chloroethane	1.71	64	52430	48.115	ug/l	99
7) Trichlorofluoromethane	1.92	101	101429	49.164	ug/l	100
8) Diethyl Ether	2.19	74	50041	51.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61199	47.238	ug/l	99
10) Methyl Iodide	2.50	142	67131	45.094	ug/l	99
11) Tert butyl alcohol	3.06	59	130384	298.255	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63438	48.871	ug/l	97
13) Acrolein	2.29	56	96578	243.944	ug/l	99
14) Allyl chloride	2.72	41	154135	48.725	ug/l	98
15) Acrylonitrile	3.15	53	298250	279.031	ug/l	99
16) Acetone	2.45	43	266442	262.742	ug/l	98
17) Carbon Disulfide	2.56	76	160517	44.045	ug/l	100
18) Methyl Acetate	2.78	43	135184	56.054	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	266932	52.955	ug/l	100
20) Methylene Chloride	2.85	84	80134	48.804	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	68355	48.556	ug/l	99
22) Diisopropyl ether	3.86	45	323783	53.223	ug/l	95
23) Vinyl Acetate	3.82	43	1420039	272.590	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152707	50.884	ug/l	100
25) 2-Butanone	4.68	43	452178	286.942	ug/l	97
26) 2,2-Dichloropropane	4.59	77	72945	32.655	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	84889	50.520	ug/l	96
28) Bromochloromethane	5.02	49	52599	43.164	ug/l	97
29) Tetrahydrofuran	5.13	42	296400	292.292	ug/l	98
30) Chloroform	5.21	83	141438	52.108	ug/l	99
31) Cyclohexane	5.58	56	132347	47.400	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	115113	50.945	ug/l	99
36) 1,1-Dichloropropene	5.80	75	101500	48.561	ug/l	100
37) Ethyl Acetate	4.84	43	165340	56.775	ug/l	99
38) Carbon Tetrachloride	5.79	117	94948	49.998	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115450	44.977	ug/l	100
40) Benzene	6.14	78	324127	50.108	ug/l	99
41) Methacrylonitrile	5.04	41	93448	53.906	ug/l	98
42) 1,2-Dichloroethane	6.20	62	123194	53.092	ug/l	99
43) Isopropyl Acetate	6.45	43	261080	56.048	ug/l	99
44) Trichloroethene	7.21	130	76619	48.995	ug/l	98
45) 1,2-Dichloropropane	7.51	63	95630	52.210	ug/l	97
46) Dibromomethane	7.66	93	54250	51.004	ug/l	99
47) Bromodichloromethane	7.90	83	111096	52.362	ug/l	98
48) Methyl methacrylate	7.77	41	131557	56.925	ug/l	98
49) 1,4-Dioxane	7.74	88	51057	1089.388	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	907737	298.138	ug/l	99
52) Toluene	8.79	92	199425	50.717	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122110	50.976	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	132105	49.825	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	85080	53.036	ug/l	97
56) Ethyl methacrylate	9.18	69	158000	55.176	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148511	52.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	329340	216.798	ug/l	99
59) 2-Hexanone	9.49	43	701821	293.494	ug/l	98
60) Dibromochloromethane	9.58	129	84067	53.656	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85605	52.865	ug/l	99
64) Tetrachloroethene	9.34	164	73434	51.011	ug/l	98
65) Chlorobenzene	10.14	112	211612	50.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	78554	51.611	ug/l	99
67) Ethyl Benzene	10.25	91	386128	49.976	ug/l	99
68) m/p-Xylenes	10.36	106	282086	99.908	ug/l	97
69) o-Xylene	10.69	106	140453	50.418	ug/l	98
70) Styrene	10.71	104	250444	51.725	ug/l	99
71) Bromoform	10.86	173	66419	53.699	ug/l #	99
73) Isopropylbenzene	11.02	105	371270	48.612	ug/l	99
74) N-amyl acetate	10.90	43	237930	53.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	145508	51.107	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	127300m	52.252	ug/l	
77) Bromobenzene	11.26	156	94523	49.863	ug/l	100
78) n-propylbenzene	11.36	91	428963	49.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	259315	48.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	319629	49.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43332	45.509	ug/l	96
82) 4-Chlorotoluene	11.51	91	301203	49.546	ug/l	99
83) tert-Butylbenzene	11.77	119	306819	49.046	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	322106	49.901	ug/l	100
85) sec-Butylbenzene	11.94	105	361767	48.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	328184	49.221	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	165869	49.083	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166151	48.768	ug/l	99
89) n-Butylbenzene	12.38	91	291913	48.439	ug/l	99
90) Hexachloroethane	12.60	117	55951	49.255	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	169829	49.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34388	53.841	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117765	50.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	58132	48.364	ug/l	99
95) Naphthalene	13.83	128	403224	52.656	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	120468	50.491	ug/l	99

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

