

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009233.D
 Acq On : 30 Apr 2019 09:53
 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

5/1/2019 10:04:58 AM

Quant Time: May 01 01:34:17 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	5.65	168	196680	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	314172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133254	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.49	113	100154	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	407375	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	148209	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100402	55.396	ug/l	99
3) Chloromethane	1.32	50	129503	52.336	ug/l	100
4) Vinyl Chloride	1.41	62	128102	53.091	ug/l	98
5) Bromomethane	1.64	94	73317	50.625	ug/l	97
6) Chloroethane	1.71	64	77804	50.223	ug/l	100
7) Trichlorofluoromethane	1.92	101	158606	54.076	ug/l	99
8) Diethyl Ether	2.18	74	71845	51.713	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101411	55.060	ug/l	99
10) Methyl Iodide	2.51	142	104881	49.101	ug/l	100
11) Tert butyl alcohol	3.05	59	149958	241.287	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99217	53.764	ug/l	99
13) Acrolein	2.29	56	118597	210.710	ug/l	99
14) Allyl chloride	2.72	41	233025	51.814	ug/l	100
15) Acrylonitrile	3.14	53	374639	246.539	ug/l	99
16) Acetone	2.44	43	378086	262.251	ug/l	99
17) Carbon Disulfide	2.57	76	274640	53.007	ug/l	100
18) Methyl Acetate	2.77	43	167301	48.795	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	373792	52.160	ug/l	100
20) Methylene Chloride	2.85	84	115928	49.663	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	105205	52.567	ug/l	99
22) Diisopropyl ether	3.85	45	457459	52.892	ug/l	94
23) Vinyl Acetate	3.81	43	1992086	268.978	ug/l	100
24) 1,1-Dichloroethane	3.69	63	220515	51.684	ug/l	99
25) 2-Butanone	4.67	43	589271	263.026	ug/l	98
26) 2,2-Dichloropropane	4.58	77	170752	53.767	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	124703	52.202	ug/l	99
28) Bromochloromethane	5.01	49	84699	49.275	ug/l	99
29) Tetrahydrofuran	5.12	42	367978	255.247	ug/l	99
30) Chloroform	5.21	83	202617	52.507	ug/l	100
31) Cyclohexane	5.57	56	217511	54.796	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	168744	52.530	ug/l	100
36) 1,1-Dichloropropene	5.79	75	156893	53.737	ug/l	100
37) Ethyl Acetate	4.82	43	210400	51.722	ug/l	99
38) Carbon Tetrachloride	5.78	117	142360	53.666	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201898	56.308	ug/l	97
40) Benzene	6.13	78	474868	52.554	ug/l	99
41) Methacrylonitrile	5.04	41	118291	48.850	ug/l	98
42) 1,2-Dichloroethane	6.18	62	168522	51.992	ug/l	99
43) Isopropyl Acetate	6.44	43	341390	52.466	ug/l	100
44) Trichloroethene	7.21	130	115443	52.848	ug/l	100
45) 1,2-Dichloropropane	7.51	63	135732	53.050	ug/l	99
46) Dibromomethane	7.66	93	76655	51.593	ug/l	99
47) Bromodichloromethane	7.89	83	156660	52.859	ug/l	99
48) Methyl methacrylate	7.77	41	170979	52.964	ug/l	99
49) 1,4-Dioxane	7.74	88	63819	974.816	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1105237	259.871	ug/l	100
52) Toluene	8.78	92	289466	52.701	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	184766	55.218	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	203974	55.074	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	117079	52.248	ug/l	97
56) Ethyl methacrylate	9.18	69	216135	54.034	ug/l	100
57) 1,3-Dichloropropane	9.37	76	207342	52.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	554742	261.425	ug/l	100
59) 2-Hexanone	9.49	43	890398	266.564	ug/l	99
60) Dibromochloromethane	9.58	129	117810	53.829	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118824	52.531	ug/l	100
64) Tetrachloroethene	9.34	164	105709	55.147	ug/l	99
65) Chlorobenzene	10.13	112	300512	53.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109867	54.211	ug/l	100
67) Ethyl Benzene	10.25	91	565997	55.015	ug/l	100
68) m/p-Xylenes	10.36	106	414040	110.130	ug/l	98
69) o-Xylene	10.69	106	200949	54.173	ug/l	100
70) Styrene	10.71	104	355374	55.121	ug/l	99
71) Bromoform	10.85	173	89234	54.181	ug/l #	99
73) Isopropylbenzene	11.02	105	543967	53.316	ug/l	100
74) N-amyl acetate	10.90	43	317299	53.343	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	189537	49.834	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	170577m	52.412	ug/l	
77) Bromobenzene	11.25	156	132492	52.320	ug/l	99
78) n-propylbenzene	11.36	91	640732	54.989	ug/l	100
79) 2-Chlorotoluene	11.42	91	373194	51.914	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	464441	54.063	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68496	53.850	ug/l	98
82) 4-Chlorotoluene	11.51	91	435884	53.673	ug/l	99
83) tert-Butylbenzene	11.77	119	441220	52.797	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	468826	54.370	ug/l	99
85) sec-Butylbenzene	11.94	105	539554	54.457	ug/l	100
86) p-Isopropyltoluene	12.06	119	494588	55.528	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	243530	53.945	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	241615	53.087	ug/l	99
89) n-Butylbenzene	12.38	91	459832	57.118	ug/l	99
90) Hexachloroethane	12.60	117	83651	55.125	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	238650	51.902	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43293	50.741	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173821	55.281	ug/l	99
94) Hexachlorobutadiene	13.78	225	87401	54.432	ug/l	99
95) Naphthalene	13.83	128	537990	52.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171141	53.695	ug/l	99

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

