

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011134.D
 Acq On : 29 Jul 2019 10:19
 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
 7/30/2019 11:08:53 AM

Quant Time: Jul 30 05:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107112	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	97089	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
50) Toluene-d8	8.71	98	364673	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.13	95	141587	57.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100735	47.884	ug/l	99
3) Chloromethane	1.32	50	85185	46.930	ug/l	99
4) Vinyl Chloride	1.41	62	92801	50.124	ug/l	98
5) Bromomethane	1.64	94	49298	47.251	ug/l	100
6) Chloroethane	1.71	64	57936	49.241	ug/l	99
7) Trichlorofluoromethane	1.92	101	169388	54.048	ug/l	98
8) Diethyl Ether	2.19	74	55137	51.061	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96789	54.089	ug/l	98
10) Methyl Iodide	2.51	142	116362	49.552	ug/l	99
11) Tert butyl alcohol	3.05	59	107494	219.805	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89700	51.019	ug/l	98
13) Acrolein	2.29	56	57499	203.500	ug/l	99
14) Allyl chloride	2.73	41	130372	51.050	ug/l	98
15) Acrylonitrile	3.14	53	247130	250.081	ug/l	99
16) Acetone	2.45	43	255694	269.604	ug/l	99
17) Carbon Disulfide	2.56	76	202618	44.927	ug/l	100
18) Methyl Acetate	2.77	43	116920	54.141	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	299436	52.905	ug/l	100
20) Methylene Chloride	2.85	84	99117	49.315	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	92697	49.690	ug/l	98
22) Diisopropyl ether	3.85	45	282623	52.472	ug/l	91
23) Vinyl Acetate	3.81	43	1209246	264.975	ug/l	100
24) 1,1-Dichloroethane	3.69	63	161844	51.740	ug/l	99
25) 2-Butanone	4.67	43	356360	261.755	ug/l	100
26) 2,2-Dichloropropane	4.58	77	143436	55.847	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	110211	51.047	ug/l	99
28) Bromochloromethane	5.01	49	74577	50.594	ug/l	98
29) Tetrahydrofuran	5.12	42	212890	246.863	ug/l	99
30) Chloroform	5.21	83	179330	53.040	ug/l	98
31) Cyclohexane	5.57	56	141974	49.795	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	158787	54.284	ug/l	100
36) 1,1-Dichloropropene	5.79	75	126144	54.639	ug/l	99
37) Ethyl Acetate	4.83	43	124079	52.486	ug/l	99
38) Carbon Tetrachloride	5.77	117	140240	58.294	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161751	54.027	ug/l	98
40) Benzene	6.14	78	380815	53.848	ug/l	96
41) Methacrylonitrile	5.04	41	70535	52.559	ug/l	98
42) 1,2-Dichloroethane	6.19	62	136488	55.508	ug/l	99
43) Isopropyl Acetate	6.44	43	211682	54.457	ug/l	98
44) Trichloroethene	7.21	130	112645	53.811	ug/l	94
45) 1,2-Dichloropropane	7.51	63	96919	53.845	ug/l	99
46) Dibromomethane	7.66	93	70837	55.075	ug/l	100
47) Bromodichloromethane	7.90	83	134811	58.882	ug/l	100
48) Methyl methacrylate	7.77	41	103015	54.400	ug/l	97
49) 1,4-Dioxane	7.73	88	51900	979.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	698065	277.030	ug/l	100
52) Toluene	8.78	92	252282	54.303	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	150361	61.077	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	160996	58.772	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106093	55.462	ug/l	97
56) Ethyl methacrylate	9.18	69	160558	57.381	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165348	54.489	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	380013	284.504	ug/l	100
59) 2-Hexanone	9.49	43	547112	279.937	ug/l	100
60) Dibromochloromethane	9.58	129	120971	54.699	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114443	56.374	ug/l	100
64) Tetrachloroethene	9.34	164	114005	55.169	ug/l	96
65) Chlorobenzene	10.13	112	291867	54.097	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	109696	57.851	ug/l	99
67) Ethyl Benzene	10.25	91	505376	55.032	ug/l	100
68) m/p-Xylenes	10.35	106	390244	110.781	ug/l	99
69) o-Xylene	10.69	106	189200	55.033	ug/l	98
70) Styrene	10.71	104	329133	57.430	ug/l	99
71) Bromoform	10.85	173	93184	53.770	ug/l	100
73) Isopropylbenzene	11.02	105	525628	53.186	ug/l	100
74) N-amyl acetate	10.90	43	195877	51.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167024	51.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	142315m	53.920	ug/l	
77) Bromobenzene	11.25	156	142016	52.096	ug/l	100
78) n-propylbenzene	11.36	91	596488	54.625	ug/l	100
79) 2-Chlorotoluene	11.42	91	351377	53.566	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	449276	54.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52482	50.348	ug/l	99
82) 4-Chlorotoluene	11.51	91	411067	53.841	ug/l	100
83) tert-Butylbenzene	11.77	119	446585	55.056	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	456502	54.846	ug/l	100
85) sec-Butylbenzene	11.94	105	532883	56.066	ug/l	100
86) p-Isopropyltoluene	12.06	119	501005	57.017	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258282	54.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258423	53.262	ug/l	98
89) n-Butylbenzene	12.38	91	440175	58.554	ug/l	100
90) Hexachloroethane	12.59	117	80515	58.094	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	250906	53.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37167	54.977	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181356	57.075	ug/l	98
94) Hexachlorobutadiene	13.78	225	91856	58.336	ug/l	99
95) Naphthalene	13.83	128	542010	57.765	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182726	57.796	ug/l	99

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

