

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011079.D
 Acq On : 26 Jul 2019 10:15
 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
 7/29/2019 11:53:49 AM

Quant Time: Jul 27 02:15:12 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	216487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	158927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105125	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	96197	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	356970	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	138333	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106669	46.250	ug/l	98
3) Chloromethane	1.32	50	94298	47.367	ug/l	98
4) Vinyl Chloride	1.41	62	98849	48.679	ug/l	100
5) Bromomethane	1.64	94	52011	45.452	ug/l	99
6) Chloroethane	1.71	64	62851	48.705	ug/l	99
7) Trichlorofluoromethane	1.92	101	171140	49.789	ug/l	100
8) Diethyl Ether	2.19	74	56667	47.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100061	50.983	ug/l	98
10) Methyl Iodide	2.51	142	123886	48.101	ug/l	99
11) Tert butyl alcohol	3.05	59	114065	212.662	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93758	48.622	ug/l	98
13) Acrolein	2.29	56	56948	183.765	ug/l	99
14) Allyl chloride	2.72	41	139347	49.750	ug/l	100
15) Acrylonitrile	3.14	53	255571	235.803	ug/l	100
16) Acetone	2.44	43	271905	261.400	ug/l	98
17) Carbon Disulfide	2.57	76	213896	43.243	ug/l	100
18) Methyl Acetate	2.77	43	116692	49.268	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	311971	50.256	ug/l	98
20) Methylene Chloride	2.85	84	106426	48.279	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	97239	47.526	ug/l	98
22) Diisopropyl ether	3.85	45	292658	49.541	ug/l	99
23) Vinyl Acetate	3.81	43	1253257	250.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	167554	48.839	ug/l	99
25) 2-Butanone	4.67	43	363670	243.555	ug/l	98
26) 2,2-Dichloropropane	4.57	77	146011	51.834	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	115014	48.572	ug/l	100
28) Bromochloromethane	5.01	49	76668	47.423	ug/l	99
29) Tetrahydrofuran	5.12	42	216149	228.527	ug/l	100
30) Chloroform	5.21	83	182739	49.280	ug/l	99
31) Cyclohexane	5.57	56	148225	47.401	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	163595	50.993	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130715	50.769	ug/l	100
37) Ethyl Acetate	4.83	43	129069	48.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	144574	53.887	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168042	50.329	ug/l	99
40) Benzene	6.13	78	398836	50.570	ug/l	99
41) Methacrylonitrile	5.04	41	72518	48.454	ug/l	98
42) 1,2-Dichloroethane	6.19	62	142033	51.795	ug/l	99
43) Isopropyl Acetate	6.44	43	218406	50.381	ug/l	98
44) Trichloroethene	7.21	130	117981	50.537	ug/l	93
45) 1,2-Dichloropropane	7.51	63	102465	51.045	ug/l	97
46) Dibromomethane	7.66	93	75619	52.719	ug/l	97
47) Bromodichloromethane	7.90	83	139505	54.637	ug/l	96
48) Methyl methacrylate	7.77	41	106582	50.469	ug/l	98
49) 1,4-Dioxane	7.74	88	54380	920.562	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	712136	253.416	ug/l	100
52) Toluene	8.78	92	262784	50.720	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	152281	55.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166180	54.397	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	111628	52.327	ug/l	96
56) Ethyl methacrylate	9.18	69	168442	53.979	ug/l	100
57) 1,3-Dichloropropane	9.37	76	175285	51.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	390866	262.396	ug/l	99
59) 2-Hexanone	9.49	43	557624	255.838	ug/l	99
60) Dibromochloromethane	9.58	129	123257	50.193	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117077	51.713	ug/l	98
64) Tetrachloroethene	9.33	164	116249	51.462	ug/l	97
65) Chlorobenzene	10.13	112	303206	51.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	113765	54.885	ug/l	98
67) Ethyl Benzene	10.25	91	530116	52.807	ug/l	100
68) m/p-Xylenes	10.35	106	408367	106.048	ug/l	99
69) o-Xylene	10.69	106	197709	52.608	ug/l	100
70) Styrene	10.71	104	342100	54.606	ug/l	99
71) Bromoform	10.85	173	93198	49.413	ug/l #	99
73) Isopropylbenzene	11.02	105	542694	50.536	ug/l	100
74) N-amyl acetate	10.90	43	204909	49.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170816	48.606	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145486m	50.729	ug/l	
77) Bromobenzene	11.25	156	146875	49.585	ug/l	100
78) n-propylbenzene	11.36	91	622582	52.470	ug/l	99
79) 2-Chlorotoluene	11.42	91	364329	51.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464774	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53315	47.330	ug/l	99
82) 4-Chlorotoluene	11.51	91	427383	51.517	ug/l	99
83) tert-Butylbenzene	11.77	119	457025	51.852	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	467166	51.654	ug/l	100
85) sec-Butylbenzene	11.94	105	547538	53.017	ug/l	100
86) p-Isopropyltoluene	12.06	119	512975	53.726	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265081	51.567	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	263761	50.030	ug/l	99
89) n-Butylbenzene	12.38	91	452118	55.349	ug/l	100
90) Hexachloroethane	12.59	117	82309	54.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	257419	50.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37090	50.490	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	187788	54.389	ug/l	98
94) Hexachlorobutadiene	13.78	225	92341	53.970	ug/l	100
95) Naphthalene	13.83	128	555276	54.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184841	53.805	ug/l	98

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

