

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071019\
 Data File : VX010766.D
 Acq On : 10 Jul 2019 09:52
 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
 7/11/2019 10:53:53 AM

Quant Time: Jul 11 01:25:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	220441	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	324682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161927	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99634	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	97703	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	355591	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.13	95	136071	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91827	59.917	ug/l	100
3) Chloromethane	1.32	50	92556	51.864	ug/l	99
4) Vinyl Chloride	1.41	62	100822	51.580	ug/l	99
5) Bromomethane	1.64	94	52702	55.343	ug/l	98
6) Chloroethane	1.71	64	65390	56.703	ug/l	96
7) Trichlorofluoromethane	1.92	101	174167	56.208	ug/l	97
8) Diethyl Ether	2.18	74	61312	55.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103028	54.867	ug/l	99
10) Methyl Iodide	2.51	142	130372	48.649	ug/l	97
11) Tert butyl alcohol	3.04	59	112718	208.417	ug/l	98
12) 1,1-Dichloroethene	2.37	96	100129	52.403	ug/l	97
13) Acrolein	2.29	56	66215	184.560	ug/l	100
14) Allyl chloride	2.73	41	142936	52.692	ug/l	98
15) Acrylonitrile	3.14	53	272713	254.687	ug/l	99
16) Acetone	2.44	43	294745	284.546	ug/l	97
17) Carbon Disulfide	2.57	76	247308	48.244	ug/l	99
18) Methyl Acetate	2.77	43	106299	51.489	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	316154	52.596	ug/l	98
20) Methylene Chloride	2.85	84	112834	52.931	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106274	51.715	ug/l	97
22) Diisopropyl ether	3.85	45	302553	53.345	ug/l	100
23) Vinyl Acetate	3.81	43	1333063	272.072	ug/l	100
24) 1,1-Dichloroethane	3.69	63	172553	52.633	ug/l	98
25) 2-Butanone	4.67	43	403644	265.651	ug/l	99
26) 2,2-Dichloropropane	4.58	77	145169	50.974	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121389	51.117	ug/l	99
28) Bromochloromethane	5.01	49	74923	47.799	ug/l	94
29) Tetrahydrofuran	5.12	42	236783	251.586	ug/l	99
30) Chloroform	5.21	83	184198	52.219	ug/l	100
31) Cyclohexane	5.57	56	160386	53.723	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	162911	52.305	ug/l	100
36) 1,1-Dichloropropene	5.79	75	136237	52.803	ug/l	99
37) Ethyl Acetate	4.83	43	139307	52.484	ug/l	99
38) Carbon Tetrachloride	5.78	117	146643	52.487	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182918	53.935	ug/l	96
40) Benzene	6.14	78	422351	52.543	ug/l	99
41) Methacrylonitrile	5.04	41	76260	52.363	ug/l	99
42) 1,2-Dichloroethane	6.18	62	137894	56.356	ug/l	98
43) Isopropyl Acetate	6.44	43	229489	52.258	ug/l	98
44) Trichloroethene	7.21	130	124285	51.672	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106514	52.473	ug/l	100
46) Dibromomethane	7.66	93	77464	53.189	ug/l	96
47) Bromodichloromethane	7.89	83	140397	52.603	ug/l	99
48) Methyl methacrylate	7.76	41	110855	54.308	ug/l	98
49) 1,4-Dioxane	7.74	88	57433	976.708	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	753433	268.256	ug/l	98
52) Toluene	8.78	92	279820	52.861	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155749	52.049	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172035	52.904	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	116262	53.254	ug/l	99
56) Ethyl methacrylate	9.18	69	174597	52.794	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180859	53.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	362011	230.483	ug/l	99
59) 2-Hexanone	9.49	43	604075	273.276	ug/l	98
60) Dibromochloromethane	9.58	129	126468	51.738	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121855	51.711	ug/l	98
64) Tetrachloroethene	9.34	164	126223	52.455	ug/l	97
65) Chlorobenzene	10.13	112	314891	52.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115176	52.352	ug/l	100
67) Ethyl Benzene	10.25	91	546839	53.629	ug/l	98
68) m/p-Xylenes	10.35	106	427535	108.210	ug/l	100
69) o-Xylene	10.69	106	204656	52.673	ug/l	98
70) Styrene	10.71	104	356379	54.693	ug/l	99
71) Bromoform	10.85	173	94719	49.508	ug/l	99
73) Isopropylbenzene	11.02	105	555518	50.609	ug/l	98
74) N-amyl acetate	10.90	43	215581	51.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	176822	48.642	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148706m	50.396	ug/l	
77) Bromobenzene	11.26	156	149900	48.907	ug/l	98
78) n-propylbenzene	11.36	91	642693	53.274	ug/l	99
79) 2-Chlorotoluene	11.42	91	363581	50.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	469879	51.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55231	43.666	ug/l	92
82) 4-Chlorotoluene	11.51	91	430258	52.635	ug/l	99
83) tert-Butylbenzene	11.77	119	463264	51.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	479272	52.717	ug/l	100
85) sec-Butylbenzene	11.94	105	559332	52.451	ug/l	100
86) p-Isopropyltoluene	12.06	119	521506	52.871	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270377	50.536	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	272148	49.965	ug/l	99
89) n-Butylbenzene	12.38	91	455762	54.376	ug/l	100
90) Hexachloroethane	12.60	117	82566	48.410	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	265346	49.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35914	45.823	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188943	51.239	ug/l	99
94) Hexachlorobutadiene	13.78	225	94378	52.368	ug/l	99
95) Naphthalene	13.83	128	556778	49.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	185240	50.525	ug/l	99

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

