

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072319\
 Data File : VX011047.D
 Acq On : 23 Jul 2019 09:40
 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
 7/25/2019 3:06:37 PM

Quant Time: Jul 24 05:06:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	330143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	166757	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117294	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	105721	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	393552	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	152283	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114547	47.002	ug/l	98
3) Chloromethane	1.32	50	97291	46.259	ug/l	98
4) Vinyl Chloride	1.41	62	101210	47.179	ug/l	99
5) Bromomethane	1.64	94	52290	43.254	ug/l	100
6) Chloroethane	1.71	64	66745	48.959	ug/l	100
7) Trichlorofluoromethane	1.92	101	177655	48.922	ug/l	99
8) Diethyl Ether	2.18	74	57705	46.121	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103286	49.814	ug/l	99
10) Methyl Iodide	2.51	142	126401	46.455	ug/l	99
11) Tert butyl alcohol	3.05	59	127818	225.568	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97276	47.750	ug/l	93
13) Acrolein	2.29	56	68861	210.333	ug/l	97
14) Allyl chloride	2.73	41	141341	47.765	ug/l	99
15) Acrylonitrile	3.14	53	269676	235.520	ug/l	99
16) Acetone	2.45	43	333283	303.284	ug/l	98
17) Carbon Disulfide	2.57	76	231868	44.371	ug/l	100
18) Methyl Acetate	2.77	43	119877	47.908	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	318257	48.529	ug/l	98
20) Methylene Chloride	2.85	84	108738	46.692	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101639	47.022	ug/l	96
22) Diisopropyl ether	3.85	45	298666	47.856	ug/l	92
23) Vinyl Acetate	3.81	43	1303906	246.586	ug/l	100
24) 1,1-Dichloroethane	3.69	63	171502	47.319	ug/l	99
25) 2-Butanone	4.67	43	415486	263.387	ug/l	99
26) 2,2-Dichloropropane	4.58	77	149188	50.131	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	119515	47.775	ug/l	99
28) Bromochloromethane	5.01	49	78912	46.203	ug/l	98
29) Tetrahydrofuran	5.12	42	231682	231.859	ug/l	100
30) Chloroform	5.21	83	186135	47.513	ug/l	98
31) Cyclohexane	5.57	56	156211	47.285	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	166879	49.237	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134007	49.416	ug/l	99
37) Ethyl Acetate	4.83	43	136427	49.131	ug/l	99
38) Carbon Tetrachloride	5.78	117	147969	52.363	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175901	50.019	ug/l	99
40) Benzene	6.13	78	408504	49.176	ug/l	99
41) Methacrylonitrile	5.04	41	76212	48.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	144008	49.860	ug/l	98
43) Isopropyl Acetate	6.44	43	228418	50.026	ug/l	100
44) Trichloroethene	7.21	130	118511	48.197	ug/l	92
45) 1,2-Dichloropropane	7.51	63	103732	49.063	ug/l	100
46) Dibromomethane	7.66	93	75743	50.135	ug/l	100
47) Bromodichloromethane	7.90	83	141974	52.792	ug/l	99
48) Methyl methacrylate	7.76	41	108245	48.665	ug/l	99
49) 1,4-Dioxane	7.74	88	59741	960.174	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	749953	253.378	ug/l	100
52) Toluene	8.78	92	268144	49.137	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155217	53.677	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	168007	52.214	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	112365	50.009	ug/l	98
56) Ethyl methacrylate	9.18	69	172142	52.375	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176404	49.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	410332	261.534	ug/l	100
59) 2-Hexanone	9.49	43	613079	267.057	ug/l	99
60) Dibromochloromethane	9.58	129	123194	47.760	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120677	50.608	ug/l	100
64) Tetrachloroethene	9.34	164	118318	49.206	ug/l	97
65) Chlorobenzene	10.13	112	305968	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113227	51.318	ug/l	99
67) Ethyl Benzene	10.25	91	535591	50.122	ug/l	99
68) m/p-Xylenes	10.35	106	413353	100.844	ug/l	99
69) o-Xylene	10.69	106	199135	49.779	ug/l	99
70) Styrene	10.71	104	347273	52.076	ug/l	100
71) Bromoform	10.85	173	95995	47.897	ug/l #	99
73) Isopropylbenzene	11.02	105	547528	48.592	ug/l	100
74) N-amyl acetate	10.90	43	211876	49.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174794	47.403	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	150203m	49.914	ug/l	
77) Bromobenzene	11.25	156	148636	47.823	ug/l	99
78) n-propylbenzene	11.36	91	624943	50.196	ug/l	99
79) 2-Chlorotoluene	11.42	91	366047	48.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465796	49.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54428	46.157	ug/l	99
82) 4-Chlorotoluene	11.51	91	434826	49.953	ug/l	99
83) tert-Butylbenzene	11.77	119	460169	49.758	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	475271	50.083	ug/l	100
85) sec-Butylbenzene	11.94	105	555808	51.290	ug/l	99
86) p-Isopropyltoluene	12.06	119	512724	51.179	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	269781	50.017	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	265639	48.020	ug/l	98
89) n-Butylbenzene	12.38	91	451634	52.694	ug/l	100
90) Hexachloroethane	12.59	117	83200	52.653	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	264824	49.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38393	49.810	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	185779	51.281	ug/l	98
94) Hexachlorobutadiene	13.78	225	91518	50.977	ug/l	99
95) Naphthalene	13.83	128	548854	51.305	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	184629	51.220	ug/l	99

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

