

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011215.D
 Acq On : 30 Jul 2019 23:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/31/2019 10:55:48 AM

Quant Time: Jul 31 09:31:43 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	188744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142088	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106126	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
35) Dibromofluoromethane	5.50	113	95041	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
50) Toluene-d8	8.71	98	350832	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.13	95	136341	55.39	ug/l	0.00
Spiked Amount			Recovery	=	110.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	87939	43.763	ug/l	100
3) Chloromethane	1.32	50	77991	44.934	ug/l	99
4) Vinyl Chloride	1.41	62	84864	47.935	ug/l	99
5) Bromomethane	1.64	94	45219	45.325	ug/l	100
6) Chloroethane	1.71	64	54308	48.271	ug/l	97
7) Trichlorofluoromethane	1.92	101	149688	49.949	ug/l	100
8) Diethyl Ether	2.19	74	52005	50.366	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84298	49.265	ug/l	99
10) Methyl Iodide	2.51	142	96824	43.120	ug/l	99
11) Tert butyl alcohol	3.06	59	122853	262.713	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80700	48.002	ug/l	95
13) Acrolein	2.29	56	56360	208.600	ug/l	99
14) Allyl chloride	2.73	41	117597	48.156	ug/l	99
15) Acrylonitrile	3.14	53	248025	262.477	ug/l	100
16) Acetone	2.45	43	210494	232.106	ug/l	97
17) Carbon Disulfide	2.57	76	167237	38.780	ug/l	100
18) Methyl Acetate	2.78	43	120763	58.481	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	283176	52.323	ug/l	100
20) Methylene Chloride	2.85	84	93270	48.530	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	85125	47.720	ug/l	95
22) Diisopropyl ether	3.86	45	268221	52.078	ug/l	89
23) Vinyl Acetate	3.81	43	1118602	256.334	ug/l	100
24) 1,1-Dichloroethane	3.70	63	151572	50.675	ug/l	99
25) 2-Butanone	4.67	43	342816	263.335	ug/l	98
26) 2,2-Dichloropropane	4.58	77	95595	38.924	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102872	49.830	ug/l	97
28) Bromochloromethane	5.02	49	68545	48.631	ug/l	98
29) Tetrahydrofuran	5.13	42	219099	265.695	ug/l	99
30) Chloroform	5.21	83	167459	51.797	ug/l	98
31) Cyclohexane	5.58	56	127191	46.653	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	144584	51.691	ug/l	99
36) 1,1-Dichloropropene	5.80	75	115525	50.002	ug/l	99
37) Ethyl Acetate	4.84	43	126891	53.635	ug/l	99
38) Carbon Tetrachloride	5.79	117	124336	51.644	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136988	45.721	ug/l	98
40) Benzene	6.14	78	352630	49.825	ug/l	100
41) Methacrylonitrile	5.05	41	71659	53.357	ug/l	96
42) 1,2-Dichloroethane	6.19	62	130707	53.117	ug/l	99
43) Isopropyl Acetate	6.45	43	206212	53.009	ug/l	99
44) Trichloroethene	7.21	130	103580	49.444	ug/l	96
45) 1,2-Dichloropropane	7.51	63	93737	52.038	ug/l	100
46) Dibromomethane	7.66	93	67389	52.355	ug/l	98
47) Bromodichloromethane	7.90	83	123313	53.819	ug/l	100
48) Methyl methacrylate	7.77	41	101654	53.641	ug/l	98
49) 1,4-Dioxane	7.74	88	54846	1034.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	712083	282.380	ug/l	99
52) Toluene	8.78	92	233896	50.308	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127404	51.713	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140117	51.111	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	101570	53.058	ug/l	99
56) Ethyl methacrylate	9.18	69	155772	55.629	ug/l	98
57) 1,3-Dichloropropane	9.37	76	159665	52.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	352615	263.793	ug/l	99
59) 2-Hexanone	9.49	43	548661	280.518	ug/l	100
60) Dibromochloromethane	9.58	129	108246	49.176	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107458	52.893	ug/l	99
64) Tetrachloroethene	9.34	164	101757	49.269	ug/l	98
65) Chlorobenzene	10.13	112	270461	50.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	100708	53.140	ug/l	99
67) Ethyl Benzene	10.25	91	466275	50.801	ug/l	99
68) m/p-Xylenes	10.36	106	359927	102.230	ug/l	99
69) o-Xylene	10.69	106	177023	51.519	ug/l	99
70) Styrene	10.71	104	305519	53.338	ug/l	99
71) Bromoform	10.85	173	82706	48.035	ug/l #	99
73) Isopropylbenzene	11.02	105	483153	50.324	ug/l	99
74) N-amyl acetate	10.90	43	191501	52.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162170	51.615	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136578m	53.266	ug/l	
77) Bromobenzene	11.25	156	133613	50.453	ug/l	99
78) n-propylbenzene	11.36	91	546269	51.495	ug/l	100
79) 2-Chlorotoluene	11.42	91	324827	50.973	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	408833	50.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	42910	43.005	ug/l	94
82) 4-Chlorotoluene	11.51	91	379685	51.191	ug/l	99
83) tert-Butylbenzene	11.77	119	407689	51.737	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	419465	51.876	ug/l	99
85) sec-Butylbenzene	11.94	105	482686	52.276	ug/l	100
86) p-Isopropyltoluene	12.06	119	445500	52.189	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233002	50.699	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	232604	49.349	ug/l	98
89) n-Butylbenzene	12.38	91	385490	52.785	ug/l	99
90) Hexachloroethane	12.60	117	69975	51.972	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	233966	51.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35519	54.082	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160809	52.095	ug/l	98
94) Hexachlorobutadiene	13.78	225	77318	50.545	ug/l	98
95) Naphthalene	13.83	128	514302	56.422	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	165647	53.933	ug/l	99

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

