

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073019\
 Data File : VX011186.D
 Acq On : 30 Jul 2019 11:20
 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
 7/31/2019 10:53:40 AM

Quant Time: Jul 31 07:29:08 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	184365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	143048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	91742	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.49	113	82864	48.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	310961	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	122185	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96497	49.095	ug/l	99
3) Chloromethane	1.32	50	84679	49.946	ug/l	99
4) Vinyl Chloride	1.41	62	91069	52.662	ug/l	98
5) Bromomethane	1.64	94	52287	53.655	ug/l	100
6) Chloroethane	1.71	64	60514	55.065	ug/l	96
7) Trichlorofluoromethane	1.92	101	165302	56.469	ug/l	100
8) Diethyl Ether	2.19	74	54424	53.961	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94704	56.661	ug/l	98
10) Methyl Iodide	2.51	142	86136	39.271	ug/l	100
11) Tert butyl alcohol	3.05	59	101006	221.125	ug/l	98
12) 1,1-Dichloroethene	2.37	96	87565	53.322	ug/l	98
13) Acrolein	2.29	56	54029	204.723	ug/l	98
14) Allyl chloride	2.73	41	128035	53.676	ug/l	99
15) Acrylonitrile	3.14	53	245818	266.320	ug/l	100
16) Acetone	2.45	43	242442	273.684	ug/l	97
17) Carbon Disulfide	2.57	76	187850	44.594	ug/l	99
18) Methyl Acetate	2.77	43	116507	57.760	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	289595	54.780	ug/l	99
20) Methylene Chloride	2.85	84	98857	52.659	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	91516	52.522	ug/l	99
22) Diisopropyl ether	3.85	45	281953	56.045	ug/l	92
23) Vinyl Acetate	3.81	43	1184425	277.865	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158734	54.330	ug/l	99
25) 2-Butanone	4.67	43	349594	274.920	ug/l	97
26) 2,2-Dichloropropane	4.58	77	132899	55.399	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108890	53.997	ug/l	99
28) Bromochloromethane	5.01	49	68051	49.427	ug/l	99
29) Tetrahydrofuran	5.12	42	209351	259.903	ug/l	100
30) Chloroform	5.21	83	175854	55.685	ug/l	99
31) Cyclohexane	5.57	56	137449	51.613	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	151537	55.464	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124111	56.626	ug/l	99
37) Ethyl Acetate	4.83	43	122544	54.603	ug/l	99
38) Carbon Tetrachloride	5.78	117	135363	59.269	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	156398	55.026	ug/l	98
40) Benzene	6.14	78	378491	56.375	ug/l	99
41) Methacrylonitrile	5.04	41	69227	54.337	ug/l	98
42) 1,2-Dichloroethane	6.19	62	133482	57.182	ug/l	99
43) Isopropyl Acetate	6.44	43	205644	55.726	ug/l	99
44) Trichloroethene	7.21	130	110321	55.513	ug/l	91
45) 1,2-Dichloropropane	7.51	63	96810	56.654	ug/l	99
46) Dibromomethane	7.65	93	70463	57.708	ug/l	100
47) Bromodichloromethane	7.90	83	130460	60.022	ug/l	97
48) Methyl methacrylate	7.77	41	102272	56.890	ug/l	98
49) 1,4-Dioxane	7.74	88	49616	986.665	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	699272	292.315	ug/l	99
52) Toluene	8.78	92	250444	56.784	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142021	60.768	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	155098	59.639	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106654	58.730	ug/l	96
56) Ethyl methacrylate	9.18	69	159237	59.945	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165054	57.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	396967	313.054	ug/l	100
59) 2-Hexanone	9.49	43	545030	293.750	ug/l	100
60) Dibromochloromethane	9.58	129	115928	55.192	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113243	58.759	ug/l	100
64) Tetrachloroethene	9.34	164	108528	54.519	ug/l	98
65) Chlorobenzene	10.13	112	287472	55.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	107866	59.053	ug/l	100
67) Ethyl Benzene	10.25	91	504960	57.081	ug/l	99
68) m/p-Xylenes	10.35	106	390444	115.060	ug/l	99
69) o-Xylene	10.69	106	188707	56.981	ug/l	100
70) Styrene	10.71	104	331123	59.978	ug/l	99
71) Bromoform	10.85	173	87034	52.212	ug/l #	100
73) Isopropylbenzene	11.02	105	520576	53.858	ug/l	99
74) N-amyl acetate	10.90	43	196747	53.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167938	53.092	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140292m	54.348	ug/l	
77) Bromobenzene	11.25	156	141789	53.181	ug/l	99
78) n-propylbenzene	11.36	91	593818	55.602	ug/l	99
79) 2-Chlorotoluene	11.42	91	348573	54.332	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	445383	55.144	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49601	48.787	ug/l	97
82) 4-Chlorotoluene	11.51	91	409144	54.793	ug/l	100
83) tert-Butylbenzene	11.77	119	441738	55.681	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449545	55.223	ug/l	100
85) sec-Butylbenzene	11.94	105	531236	57.148	ug/l	100
86) p-Isopropyltoluene	12.06	119	494128	57.497	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	255871	55.301	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	256088	53.966	ug/l	98
89) n-Butylbenzene	12.38	91	434480	59.094	ug/l	100
90) Hexachloroethane	12.60	117	75529	55.721	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	253335	55.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34847	52.703	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	176708	56.862	ug/l	99
94) Hexachlorobutadiene	13.78	225	89308	57.991	ug/l	98
95) Naphthalene	13.83	128	530518	57.811	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	176270	57.006	ug/l	97

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

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