

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072319\
 Data File : VX011053.D
 Acq On : 23 Jul 2019 17:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:07:05 PM

Quant Time: Jul 24 05:18:11 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	5.65	168	223312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	322762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119354	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	107774	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	8.71	98	393433	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	156095	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125684	52.751	ug/l	99
3) Chloromethane	1.32	50	103956	50.622	ug/l	99
4) Vinyl Chloride	1.41	62	109945	52.489	ug/l	100
5) Bromomethane	1.64	94	58408	49.483	ug/l	100
6) Chloroethane	1.71	64	70401	52.889	ug/l	98
7) Trichlorofluoromethane	1.92	101	193094	54.459	ug/l	100
8) Diethyl Ether	2.18	74	65083	53.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	113485	56.056	ug/l	100
10) Methyl Iodide	2.51	142	148801	56.009	ug/l	99
11) Tert butyl alcohol	3.05	59	137220	248.013	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105678	53.128	ug/l	97
13) Acrolein	2.29	56	66186	207.048	ug/l	98
14) Allyl chloride	2.73	41	156359	54.118	ug/l	99
15) Acrylonitrile	3.14	53	291490	260.724	ug/l	99
16) Acetone	2.44	43	311566	290.374	ug/l	98
17) Carbon Disulfide	2.57	76	251198	49.232	ug/l	100
18) Methyl Acetate	2.77	43	131889	53.982	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	354606	55.379	ug/l	99
20) Methylene Chloride	2.85	84	117729	51.775	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	111479	52.820	ug/l	98
22) Diisopropyl ether	3.85	45	334893	54.958	ug/l	91
23) Vinyl Acetate	3.81	43	1448087	280.470	ug/l	100
24) 1,1-Dichloroethane	3.70	63	190873	53.936	ug/l	99
25) 2-Butanone	4.67	43	426802	277.099	ug/l	99
26) 2,2-Dichloropropane	4.57	77	167192	57.539	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	129912	53.186	ug/l	99
28) Bromochloromethane	5.01	49	89345	53.576	ug/l	98
29) Tetrahydrofuran	5.12	42	253618	259.946	ug/l	100
30) Chloroform	5.20	83	208547	54.520	ug/l	98
31) Cyclohexane	5.57	56	168215	52.149	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	185627	56.092	ug/l	100
36) 1,1-Dichloropropene	5.79	75	149369	56.340	ug/l	100
37) Ethyl Acetate	4.82	43	152927	56.332	ug/l	100
38) Carbon Tetrachloride	5.78	117	164555	59.564	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192692	56.046	ug/l	99
40) Benzene	6.13	78	449734	55.378	ug/l	99
41) Methacrylonitrile	5.04	41	84520	54.844	ug/l	97
42) 1,2-Dichloroethane	6.18	62	160873	56.972	ug/l	99
43) Isopropyl Acetate	6.44	43	253610	56.814	ug/l	100
44) Trichloroethene	7.21	130	133517	55.542	ug/l	89
45) 1,2-Dichloropropane	7.51	63	116011	56.125	ug/l	98
46) Dibromomethane	7.66	93	83830	56.757	ug/l	100
47) Bromodichloromethane	7.89	83	158947	60.455	ug/l	98
48) Methyl methacrylate	7.76	41	124085	57.062	ug/l	97
49) 1,4-Dioxane	7.73	88	64035	1052.724	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	829041	286.504	ug/l	100
52) Toluene	8.78	92	296812	55.635	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	174743	61.811	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	190088	60.427	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	125380	57.077	ug/l	98
56) Ethyl methacrylate	9.17	69	194278	60.462	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197235	56.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	435853	284.154	ug/l	99
59) 2-Hexanone	9.49	43	671110	299.020	ug/l	99
60) Dibromochloromethane	9.58	129	140875	55.434	ug/l	99
61) 1,2-Dibromoethane	9.67	107	136150	58.402	ug/l	99
64) Tetrachloroethene	9.34	164	130107	54.303	ug/l	98
65) Chlorobenzene	10.13	112	344760	55.113	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	128626	58.506	ug/l	99
67) Ethyl Benzene	10.25	91	600123	56.362	ug/l	99
68) m/p-Xylenes	10.35	106	458862	112.347	ug/l	99
69) o-Xylene	10.69	106	225041	56.456	ug/l	100
70) Styrene	10.71	104	390884	58.825	ug/l	99
71) Bromoform	10.85	173	108174	53.833	ug/l #	99
73) Isopropylbenzene	11.02	105	616833	54.238	ug/l	100
74) N-amyl acetate	10.90	43	241057	55.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	197826	53.154	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171064m	56.322	ug/l	
77) Bromobenzene	11.25	156	167485	53.390	ug/l	99
78) n-propylbenzene	11.36	91	707915	56.336	ug/l	99
79) 2-Chlorotoluene	11.42	91	414584	54.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	534134	56.207	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62458	51.933	ug/l	99
82) 4-Chlorotoluene	11.51	91	494511	56.285	ug/l	99
83) tert-Butylbenzene	11.77	119	529289	56.703	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	539476	56.324	ug/l	99
85) sec-Butylbenzene	11.94	105	629810	57.583	ug/l	99
86) p-Isopropyltoluene	12.06	119	591555	58.503	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	304097	55.859	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303118	54.290	ug/l	98
89) n-Butylbenzene	12.38	91	528278	61.067	ug/l	100
90) Hexachloroethane	12.59	117	93752	58.784	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	297222	55.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43685	56.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216509	59.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	106151	58.583	ug/l	100
95) Naphthalene	13.83	128	625270	57.909	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	211202	58.051	ug/l	98

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

