

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011161.D
 Acq On : 29 Jul 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:38 AM

Quant Time: Jul 30 06:45:37 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	5.67	168	183997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99617	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	5.49	113	87227	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.71	98	319705	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	122239	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	83642	42.712	ug/l 97
3) Chloromethane	1.32	50	77250	45.655	ug/l 98
4) Vinyl Chloride	1.41	62	82861	48.011	ug/l 99
5) Bromomethane	1.64	94	46700	48.017	ug/l 99
6) Chloroethane	1.71	64	53895	49.140	ug/l 98
7) Trichlorofluoromethane	1.92	101	143585	49.148	ug/l 100
8) Diethyl Ether	2.19	74	52367	52.025	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77421	46.413	ug/l 99
10) Methyl Iodide	2.51	142	80036	36.563	ug/l 99
11) Tert butyl alcohol	3.06	59	110619	242.654	ug/l 99
12) 1,1-Dichloroethene	2.37	96	77720	47.422	ug/l 97
13) Acrolein	2.29	56	54985	208.762	ug/l 100
14) Allyl chloride	2.73	41	117677	49.432	ug/l 100
15) Acrylonitrile	3.14	53	238517	258.927	ug/l 99
16) Acetone	2.45	43	199290	225.421	ug/l 99
17) Carbon Disulfide	2.57	76	169329	40.278	ug/l 99
18) Methyl Acetate	2.78	43	114521	56.889	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	274799	52.085	ug/l 99
20) Methylene Chloride	2.85	84	91497	48.836	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	81920	47.109	ug/l 98
22) Diisopropyl ether	3.86	45	261997	52.182	ug/l 89
23) Vinyl Acetate	3.81	43	1110870	261.130	ug/l 100
24) 1,1-Dichloroethane	3.70	63	146628	50.287	ug/l 99
25) 2-Butanone	4.68	43	332366	261.895	ug/l 98
26) 2,2-Dichloropropane	4.59	77	101624	42.447	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	99893	49.635	ug/l 98
28) Bromochloromethane	5.02	49	68587	49.916	ug/l 97
29) Tetrahydrofuran	5.13	42	209913	261.122	ug/l 100
30) Chloroform	5.21	83	161515	51.247	ug/l 96
31) Cyclohexane	5.58	56	115461	43.443	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	140754	51.620	ug/l 99
36) 1,1-Dichloropropene	5.80	75	109674	48.409	ug/l 98
37) Ethyl Acetate	4.83	43	124154	53.517	ug/l 99
38) Carbon Tetrachloride	5.78	117	119534	50.632	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125721	42.791	ug/l	99
40) Benzene	6.14	78	342221	49.312	ug/l	98
41) Methacrylonitrile	5.04	41	67923	51.576	ug/l	98
42) 1,2-Dichloroethane	6.19	62	126021	52.226	ug/l	99
43) Isopropyl Acetate	6.45	43	200447	52.547	ug/l	99
44) Trichloroethene	7.21	130	98128	47.768	ug/l	94
45) 1,2-Dichloropropane	7.51	63	89328	50.572	ug/l	98
46) Dibromomethane	7.66	93	64728	51.283	ug/l	99
47) Bromodichloromethane	7.90	83	121546	54.098	ug/l	100
48) Methyl methacrylate	7.77	41	98651	53.087	ug/l	97
49) 1,4-Dioxane	7.74	88	51450	989.792	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	683548	276.430	ug/l	99
52) Toluene	8.78	92	224388	49.218	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	126895	52.526	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	139077	51.736	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98160	52.291	ug/l	99
56) Ethyl methacrylate	9.18	69	150257	54.721	ug/l	98
57) 1,3-Dichloropropane	9.37	76	154022	51.722	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	359053	273.926	ug/l	99
59) 2-Hexanone	9.49	43	524853	273.657	ug/l	100
60) Dibromochloromethane	9.58	129	107615	49.822	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106477	53.448	ug/l	99
64) Tetrachloroethene	9.34	164	93341	46.501	ug/l	98
65) Chlorobenzene	10.13	112	259792	49.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	98541	53.500	ug/l	98
67) Ethyl Benzene	10.25	91	438203	49.124	ug/l	100
68) m/p-Xylenes	10.36	106	336144	98.237	ug/l	100
69) o-Xylene	10.69	106	167835	50.258	ug/l	99
70) Styrene	10.71	104	291316	52.330	ug/l	100
71) Bromoform	10.85	173	81714	48.790	ug/l #	99
73) Isopropylbenzene	11.02	105	448810	49.023	ug/l	100
74) N-amyl acetate	10.90	43	184278	52.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158301	52.837	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131925m	53.957	ug/l	
77) Bromobenzene	11.25	156	124548	49.320	ug/l	98
78) n-propylbenzene	11.36	91	498271	49.258	ug/l	100
79) 2-Chlorotoluene	11.42	91	300660	49.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	379424	49.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43748	45.704	ug/l	97
82) 4-Chlorotoluene	11.51	91	348790	49.316	ug/l	100
83) tert-Butylbenzene	11.77	119	374471	49.835	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	382858	49.655	ug/l	99
85) sec-Butylbenzene	11.94	105	435607	49.475	ug/l	100
86) p-Isopropyltoluene	12.06	119	407205	50.026	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219577	50.104	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	218730	48.665	ug/l	99
89) n-Butylbenzene	12.38	91	343710	49.356	ug/l	99
90) Hexachloroethane	12.59	117	65584	51.083	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	220584	50.787	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34629	55.294	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	152623	51.851	ug/l	98
94) Hexachlorobutadiene	13.78	225	70084	48.047	ug/l	100
95) Naphthalene	13.83	128	488600	56.213	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	152415	52.041	ug/l	98

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

