

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010709.D
 Acq On : 08 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:42 AM

Quant Time: Jul 09 02:34:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110412	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.49	113	103555	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	380612	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.13	95	146627	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97389	61.537	ug/l	100
3) Chloromethane	1.32	50	97971	53.163	ug/l	99
4) Vinyl Chloride	1.41	62	108106	53.558	ug/l	98
5) Bromomethane	1.64	94	55950	56.897	ug/l	99
6) Chloroethane	1.71	64	65387	54.907	ug/l	99
7) Trichlorofluoromethane	1.92	101	184241	57.580	ug/l	100
8) Diethyl Ether	2.19	74	62505	54.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103094	53.167	ug/l	99
10) Methyl Iodide	2.51	142	141062	50.974	ug/l	97
11) Tert butyl alcohol	3.05	59	129520	231.913	ug/l	98
12) 1,1-Dichloroethene	2.37	96	103736	52.575	ug/l	95
13) Acrolein	2.29	56	80282	216.694	ug/l	99
14) Allyl chloride	2.73	41	152955	54.602	ug/l	96
15) Acrylonitrile	3.14	53	296162	267.841	ug/l	100
16) Acetone	2.45	43	239135	223.561	ug/l	96
17) Carbon Disulfide	2.57	76	267553	50.543	ug/l	100
18) Methyl Acetate	2.78	43	117256	55.001	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	339152	54.638	ug/l	99
20) Methylene Chloride	2.85	84	117665	53.452	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	112245	52.893	ug/l	96
22) Diisopropyl ether	3.85	45	319660	54.579	ug/l	97
23) Vinyl Acetate	3.81	43	1428851	282.402	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183913	54.325	ug/l	99
25) 2-Butanone	4.67	43	402975	256.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139141	47.312	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	130061	53.037	ug/l	100
28) Bromochloromethane	5.01	49	80603	49.797	ug/l	93
29) Tetrahydrofuran	5.13	42	260370	267.902	ug/l	99
30) Chloroform	5.21	83	197723	54.282	ug/l	99
31) Cyclohexane	5.58	56	166066	53.866	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177221	55.100	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142758	52.520	ug/l	98
37) Ethyl Acetate	4.84	43	154909	55.398	ug/l	98
38) Carbon Tetrachloride	5.79	117	156513	53.174	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	183647	51.400	ug/l	98
40) Benzene	6.14	78	448345	52.944	ug/l	100
41) Methacrylonitrile	5.04	41	82606	53.840	ug/l	98
42) 1,2-Dichloroethane	6.19	62	148202	57.492	ug/l	97
43) Isopropyl Acetate	6.45	43	253790	54.856	ug/l	98
44) Trichloroethene	7.21	130	131095	51.736	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112585	52.647	ug/l	97
46) Dibromomethane	7.66	93	81251	52.956	ug/l	98
47) Bromodichloromethane	7.90	83	149133	53.038	ug/l	100
48) Methyl methacrylate	7.77	41	120840	56.193	ug/l	98
49) 1,4-Dioxane	7.74	88	63914	1031.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	825924	279.131	ug/l	98
52) Toluene	8.78	92	293988	52.717	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164797	52.276	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180707	52.749	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	122144	53.107	ug/l	99
56) Ethyl methacrylate	9.18	69	189474	54.382	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191267	53.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	388414	234.734	ug/l	100
59) 2-Hexanone	9.49	43	635740	272.994	ug/l	98
60) Dibromochloromethane	9.58	129	134247	52.131	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132654	53.435	ug/l	99
64) Tetrachloroethene	9.34	164	126336	49.026	ug/l	98
65) Chlorobenzene	10.13	112	332219	51.362	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	121306	51.487	ug/l	99
67) Ethyl Benzene	10.25	91	570921	52.283	ug/l	100
68) m/p-Xylenes	10.36	106	443304	104.772	ug/l	97
69) o-Xylene	10.69	106	218370	52.481	ug/l	99
70) Styrene	10.71	104	374630	53.687	ug/l	99
71) Bromoform	10.85	173	102541	50.047	ug/l #	99
73) Isopropylbenzene	11.02	105	580864	51.107	ug/l	99
74) N-amyl acetate	10.90	43	233950	54.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	191427	50.857	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157311m	51.487	ug/l	
77) Bromobenzene	11.26	156	157400	49.596	ug/l	96
78) n-propylbenzene	11.36	91	661491	52.955	ug/l	98
79) 2-Chlorotoluene	11.42	91	382734	51.454	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492891	52.605	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	57934	44.235	ug/l	91
82) 4-Chlorotoluene	11.51	91	449368	53.091	ug/l	98
83) tert-Butylbenzene	11.77	119	484657	51.536	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	492771	52.347	ug/l	99
85) sec-Butylbenzene	11.94	105	574466	52.026	ug/l	99
86) p-Isopropyltoluene	12.06	119	529060	51.801	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	280284	50.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	280825	49.793	ug/l	99
89) n-Butylbenzene	12.38	91	453065	52.204	ug/l	100
90) Hexachloroethane	12.60	117	85486	48.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	274999	49.947	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40498	49.902	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192370	50.382	ug/l	98
94) Hexachlorobutadiene	13.78	225	90185	48.328	ug/l	97
95) Naphthalene	13.83	128	593389	50.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189718	49.975	ug/l	99

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

