

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010707.D
 Acq On : 08 Jul 2019 19:42
 Operator : JC/SP
 Sample : K3669-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:29 AM

Quant Time: Jul 09 02:30:48 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	231866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111756	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	103543	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	383883	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.13	95	146142	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	97806	60.674	ug/l	99
3) Chloromethane	1.32	50	98690	52.576	ug/l	99
4) Vinyl Chloride	1.41	62	110396	53.696	ug/l	97
5) Bromomethane	1.64	94	50105	50.024	ug/l	99
6) Chloroethane	1.71	64	67609	55.738	ug/l	99
7) Trichlorofluoromethane	1.93	101	182577	56.019	ug/l	100
8) Diethyl Ether	2.19	74	63110	53.996	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100891	51.082	ug/l	98
10) Methyl Iodide	2.51	142	129331	45.883	ug/l	97
11) Tert butyl alcohol	3.05	59	124157	218.256	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103679	51.588	ug/l	99
13) Acrolein	2.29	56	85954	227.773	ug/l	99
14) Allyl chloride	2.73	41	149543	52.411	ug/l	96
15) Acrylonitrile	3.14	53	298526	265.056	ug/l	100
16) Acetone	2.45	43	241328	221.497	ug/l	98
17) Carbon Disulfide	2.57	76	262070	48.604	ug/l	99
18) Methyl Acetate	2.78	43	108222	49.838	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	339949	53.768	ug/l	98
20) Methylene Chloride	2.85	84	117486	52.398	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	111742	51.696	ug/l	97
22) Diisopropyl ether	3.85	45	320726	53.763	ug/l	96
23) Vinyl Acetate	3.81	43	1345072	260.996	ug/l	97
24) 1,1-Dichloroethane	3.70	63	182946	53.054	ug/l	99
25) 2-Butanone	4.67	43	401130	250.988	ug/l	99
26) 2,2-Dichloropropane	4.59	77	126328	42.172	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	226613	90.725	ug/l	97
28) Bromochloromethane	5.01	49	78754	47.767	ug/l	95
29) Tetrahydrofuran	5.13	42	262729	265.399	ug/l	99
30) Chloroform	5.21	83	196838	53.053	ug/l	98
31) Cyclohexane	5.58	56	166242	52.940	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	173362	52.918	ug/l	99
36) 1,1-Dichloropropene	5.80	75	141602	50.757	ug/l	98
37) Ethyl Acetate	4.84	43	145616	50.737	ug/l	98
38) Carbon Tetrachloride	5.79	117	152513	50.485	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184351	50.272	ug/l	98
40) Benzene	6.14	78	449475	51.714	ug/l	98
41) Methacrylonitrile	5.04	41	84394	53.593	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150521	56.893	ug/l	98
43) Isopropyl Acetate	6.45	43	241544	50.869	ug/l	98
44) Trichloroethene	7.21	130	131157	50.431	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112947	51.460	ug/l	98
46) Dibromomethane	7.66	93	81970	52.053	ug/l	97
47) Bromodichloromethane	7.90	83	147679	51.172	ug/l	98
48) Methyl methacrylate	7.77	41	121431	55.018	ug/l	98
49) 1,4-Dioxane	7.74	88	55514	873.115	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	822034	270.683	ug/l	98
52) Toluene	8.78	92	292644	51.129	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	160264	49.533	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172896	49.173	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	123757	52.427	ug/l	99
56) Ethyl methacrylate	9.18	69	188527	52.721	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191045	52.137	ug/l	100
59) 2-Hexanone	9.49	43	632831	264.767	ug/l	99
60) Dibromochloromethane	9.58	129	133349	50.453	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134597	52.826	ug/l	99
64) Tetrachloroethene	9.34	164	123596	47.061	ug/l	96
65) Chlorobenzene	10.14	112	862542	130.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122386	50.969	ug/l	99
67) Ethyl Benzene	10.25	91	579284	52.052	ug/l	100
68) m/p-Xylenes	10.36	106	443309	102.804	ug/l	99
69) o-Xylene	10.69	106	214886	50.673	ug/l	98
70) Styrene	10.71	104	372782	52.418	ug/l	99
71) Bromoform	10.85	173	100843	48.294	ug/l	98
73) Isopropylbenzene	11.02	105	589541	51.369	ug/l	99
74) N-amyl acetate	10.90	43	221785	51.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191161	50.296	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154664m	50.132	ug/l	
77) Bromobenzene	11.26	156	157929	49.282	ug/l	98
78) n-propylbenzene	11.36	91	645080	51.143	ug/l	99
79) 2-Chlorotoluene	11.42	91	381555	50.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482244	50.972	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55763	42.167	ug/l	90
82) 4-Chlorotoluene	11.51	91	440499	51.541	ug/l	99
83) tert-Butylbenzene	11.77	119	524903	55.277	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	498943	52.491	ug/l	99
85) sec-Butylbenzene	11.94	105	607152	54.456	ug/l	97
86) p-Isopropyltoluene	12.06	119	518850	50.311	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275841	49.312	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279224	49.032	ug/l	99
89) n-Butylbenzene	12.38	91	450450	51.401	ug/l	100
90) Hexachloroethane	12.60	117	85600	48.003	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	270891	48.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40853	49.854	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	188168	48.806	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	91734	48.684	ug/l	99
95) Naphthalene	13.83	128	595453	50.258	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188348	49.135	ug/l	98

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

