

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010708.D
 Acq On : 08 Jul 2019 20:06
 Operator : JC/SP
 Sample : K3669-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW151-190702MSD

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:36 AM

Quant Time: Jul 09 02:32:40 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	5.67	168	224275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110386	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	5.50	113	103559	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	378180	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	144232	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95454	61.219	ug/l	98
3) Chloromethane	1.32	50	99018	54.537	ug/l	98
4) Vinyl Chloride	1.41	62	109802	55.214	ug/l	99
5) Bromomethane	1.64	94	54533	56.287	ug/l	98
6) Chloroethane	1.71	64	65667	55.969	ug/l	98
7) Trichlorofluoromethane	1.93	101	182238	57.808	ug/l	100
8) Diethyl Ether	2.19	74	63347	56.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101675	53.221	ug/l	100
10) Methyl Iodide	2.51	142	142744	52.355	ug/l	98
11) Tert butyl alcohol	3.05	59	125458	228.008	ug/l	97
12) 1,1-Dichloroethene	2.37	96	105399	54.218	ug/l	97
13) Acrolein	2.29	56	86210	236.184	ug/l	98
14) Allyl chloride	2.73	41	149389	54.129	ug/l	98
15) Acrylonitrile	3.14	53	298351	273.867	ug/l	99
16) Acetone	2.45	43	240809	228.502	ug/l	97
17) Carbon Disulfide	2.57	76	268715	51.523	ug/l	99
18) Methyl Acetate	2.78	43	109005	51.897	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	334997	54.778	ug/l	98
20) Methylene Chloride	2.85	84	116559	53.744	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111514	53.337	ug/l	97
22) Diisopropyl ether	3.85	45	320238	55.498	ug/l	95
23) Vinyl Acetate	3.81	43	1337607	268.332	ug/l	98
24) 1,1-Dichloroethane	3.70	63	182266	54.646	ug/l	100
25) 2-Butanone	4.67	43	400679	259.192	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124977	43.133	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	229657	95.055	ug/l	98
28) Bromochloromethane	5.01	49	76311	47.852	ug/l	94
29) Tetrahydrofuran	5.13	42	258523	269.990	ug/l	99
30) Chloroform	5.21	83	196097	54.642	ug/l	99
31) Cyclohexane	5.58	56	166071	54.676	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	174053	54.927	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143124	52.696	ug/l	98
37) Ethyl Acetate	4.83	43	144246	51.624	ug/l	99
38) Carbon Tetrachloride	5.79	117	153783	52.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	183086	51.282	ug/l	98
40) Benzene	6.14	78	448983	53.060	ug/l	100
41) Methacrylonitrile	5.04	41	83808	54.665	ug/l	97
42) 1,2-Dichloroethane	6.19	62	149502	58.042	ug/l	98
43) Isopropyl Acetate	6.45	43	243707	52.717	ug/l	98
44) Trichloroethene	7.21	130	131747	52.033	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112357	52.581	ug/l	96
46) Dibromomethane	7.66	93	83151	54.236	ug/l	95
47) Bromodichloromethane	7.90	83	147917	52.646	ug/l	98
48) Methyl methacrylate	7.77	41	122286	56.909	ug/l	96
49) 1,4-Dioxane	7.74	88	56199	907.885	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	823205	278.427	ug/l	98
52) Toluene	8.78	92	294371	52.827	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159683	50.693	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174923	51.100	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	121977	53.076	ug/l	99
56) Ethyl methacrylate	9.18	69	190018	54.581	ug/l	96
57) 1,3-Dichloropropane	9.37	76	190773	53.476	ug/l	100
59) 2-Hexanone	9.49	43	636955	273.727	ug/l	98
60) Dibromochloromethane	9.58	129	132560	51.516	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132316	53.340	ug/l	99
64) Tetrachloroethene	9.34	164	121476	47.472	ug/l	98
65) Chlorobenzene	10.13	112	842876	131.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	122265	52.260	ug/l	100
67) Ethyl Benzene	10.25	91	569888	52.557	ug/l	99
68) m/p-Xylenes	10.36	106	442000	105.200	ug/l	98
69) o-Xylene	10.69	106	215963	52.268	ug/l	97
70) Styrene	10.71	104	371555	53.622	ug/l	98
71) Bromoform	10.85	173	102124	50.195	ug/l #	99
73) Isopropylbenzene	11.02	105	585944	52.092	ug/l	98
74) N-amyl acetate	10.90	43	220598	51.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	193206	51.866	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157897m	52.219	ug/l	
77) Bromobenzene	11.26	156	156077	49.693	ug/l	98
78) n-propylbenzene	11.36	91	641366	51.881	ug/l	99
79) 2-Chlorotoluene	11.42	91	377783	51.319	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	482653	52.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56037	43.234	ug/l	92
82) 4-Chlorotoluene	11.51	91	442307	52.803	ug/l	99
83) tert-Butylbenzene	11.77	119	517656	55.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	494890	53.121	ug/l	98
85) sec-Butylbenzene	11.94	105	600991	54.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	517432	51.191	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	282689	51.562	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	284089	50.898	ug/l	99
89) n-Butylbenzene	12.38	91	451323	52.546	ug/l	99
90) Hexachloroethane	12.60	117	85510	48.925	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	274220	50.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41545	51.727	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	188554	49.898	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	92705	50.197	ug/l	99
95) Naphthalene	13.83	128	597739	51.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	190184	50.620	ug/l	98

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

