

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009078.D
 Acq On : 19 Apr 2019 18:15
 Operator : JC/SP
 Sample : K2487-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MS

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:07 AM

Quant Time: Apr 20 02:17:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128884	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	151860	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	110.42%		
35) Dibromofluoromethane	5.50	113	112034	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.86%		
50) Toluene-d8	8.71	98	429179	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.72%		
62) 4-Bromofluorobenzene	11.13	95	148644	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	115776	51.504	ug/l	100
3) Chloromethane	1.32	50	130212	47.183	ug/l	98
4) Vinyl Chloride	1.41	62	134567	50.099	ug/l	99
5) Bromomethane	1.64	94	58527	35.966	ug/l	99
6) Chloroethane	1.71	64	81477	51.585	ug/l	99
7) Trichlorofluoromethane	1.92	101	160813	51.279	ug/l	99
8) Diethyl Ether	2.19	74	75552	52.679	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98057	48.904	ug/l	99
10) Methyl Iodide	2.51	142	74375	35.345	ug/l	100
11) Tert butyl alcohol	3.06	59	172264	282.162	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101784	48.633	ug/l	98
13) Acrolein	2.29	56	142102	269.383	ug/l	99
14) Allyl chloride	2.73	41	250574	54.877	ug/l	99
15) Acrylonitrile	3.15	53	445933	287.739	ug/l	100
16) Acetone	2.45	43	392640	275.287	ug/l	99
17) Carbon Disulfide	2.57	76	286281	46.635	ug/l	100
18) Methyl Acetate	2.78	43	196197	55.116	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413768	55.485	ug/l	98
20) Methylene Chloride	2.85	84	123618	50.681	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	111835	50.098	ug/l	95
22) Diisopropyl ether	3.86	45	496206	55.925	ug/l	90
23) Vinyl Acetate	3.82	43	2068420	265.202	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242464	54.438	ug/l	99
25) 2-Butanone	4.68	43	661822	290.294	ug/l	99
26) 2,2-Dichloropropane	4.59	77	140938	42.215	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	133797	52.790	ug/l	99
28) Bromochloromethane	5.02	49	109456	59.534	ug/l	97
29) Tetrahydrofuran	5.13	42	443616	290.717	ug/l	99
30) Chloroform	5.21	83	219157	54.987	ug/l	99
31) Cyclohexane	5.58	56	227081	51.837	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	178473	54.029	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163340	47.436	ug/l	99
37) Ethyl Acetate	4.84	43	234196	52.855	ug/l	99
38) Carbon Tetrachloride	5.79	117	146265	50.104	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191776	45.743	ug/l	98
40) Benzene	6.15	78	513638	50.563	ug/l	99
41) Methacrylonitrile	5.05	41	144124	56.675	ug/l	99
42) 1,2-Dichloroethane	6.20	62	185774	51.626	ug/l	99
43) Isopropyl Acetate	6.45	43	373978	52.375	ug/l	99
44) Trichloroethene	7.21	130	117206	47.090	ug/l	96
45) 1,2-Dichloropropane	7.51	63	146962	52.148	ug/l	98
46) Dibromomethane	7.66	93	84833	51.724	ug/l	98
47) Bromodichloromethane	7.90	83	167832	52.173	ug/l	99
48) Methyl methacrylate	7.77	41	192578	54.584	ug/l	99
49) 1,4-Dioxane	7.74	88	62270	942.976	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1261936	277.412	ug/l	99
52) Toluene	8.79	92	298781	49.077	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	187598	50.673	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	206136	49.727	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125967	52.206	ug/l	99
56) Ethyl methacrylate	9.18	69	226912	52.447	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223237	51.963	ug/l	99
59) 2-Hexanone	9.49	43	957862	273.117	ug/l	99
60) Dibromochloromethane	9.59	129	122305	52.888	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128557	51.623	ug/l	98
64) Tetrachloroethene	9.34	164	98864	45.840	ug/l	99
65) Chlorobenzene	10.14	112	297486	49.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113673	53.847	ug/l	99
67) Ethyl Benzene	10.25	91	555311	50.693	ug/l	99
68) m/p-Xylenes	10.36	106	395638	99.380	ug/l	98
69) o-Xylene	10.70	106	194979	50.335	ug/l	99
70) Styrene	10.71	104	331944	49.450	ug/l	99
71) Bromoform	10.85	173	89817	53.404	ug/l #	98
73) Isopropylbenzene	11.02	105	520449	53.274	ug/l	99
74) N-amyl acetate	10.90	43	299915	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200839	56.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196624m	62.478	ug/l	
77) Bromobenzene	11.26	156	125272	50.823	ug/l	98
78) n-propylbenzene	11.36	91	589544	52.577	ug/l	100
79) 2-Chlorotoluene	11.42	91	348906	51.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	433858	52.923	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63023	51.412	ug/l	96
82) 4-Chlorotoluene	11.51	91	397457	50.649	ug/l	100
83) tert-Butylbenzene	11.77	119	430005	54.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	433051	51.894	ug/l	99
85) sec-Butylbenzene	11.94	105	490806	52.285	ug/l	100
86) p-Isopropyltoluene	12.06	119	443754	51.417	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211472	49.019	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	211766	48.424	ug/l	100
89) n-Butylbenzene	12.38	91	397956	49.512	ug/l	99
90) Hexachloroethane	12.60	117	75564	53.079	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	217300	51.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46292	56.960	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	141370	45.972	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	70422	45.915	ug/l	99
95) Naphthalene	13.83	128	498311	50.579	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146862	48.403	ug/l	97

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

