

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009079.D
 Acq On : 19 Apr 2019 18:38
 Operator : JC/SP
 Sample : K2487-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-7MSD

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:54 AM

Quant Time: Apr 20 02:19:19 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	5.66	168	181665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143753	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	
35) Dibromofluoromethane	5.50	113	106336	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.71	98	408590	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.14	95	142259	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108960	52.073	ug/l	98
3) Chloromethane	1.32	50	125523	48.864	ug/l	97
4) Vinyl Chloride	1.41	62	127252	50.896	ug/l	100
5) Bromomethane	1.64	94	68857	44.443	ug/l	98
6) Chloroethane	1.71	64	78959	53.705	ug/l	96
7) Trichlorofluoromethane	1.92	101	150232	51.464	ug/l	96
8) Diethyl Ether	2.19	74	71427	53.503	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92815	49.729	ug/l	99
10) Methyl Iodide	2.51	142	80654	40.448	ug/l	99
11) Tert butyl alcohol	3.06	59	167579	294.883	ug/l	98
12) 1,1-Dichloroethene	2.37	96	96053	49.305	ug/l	96
13) Acrolein	2.29	56	131848	268.516	ug/l	99
14) Allyl chloride	2.73	41	233171	54.860	ug/l	99
15) Acrylonitrile	3.15	53	424248	294.087	ug/l	100
16) Acetone	2.45	43	366811	276.286	ug/l	99
17) Carbon Disulfide	2.56	76	265492	46.467	ug/l	99
18) Methyl Acetate	2.78	43	180471	54.465	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	386077	55.619	ug/l	99
20) Methylene Chloride	2.85	84	115683	50.952	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	104365	50.226	ug/l	94
22) Diisopropyl ether	3.86	45	461176	55.839	ug/l	89
23) Vinyl Acetate	3.82	43	1864525	256.822	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225914	54.491	ug/l	100
25) 2-Butanone	4.68	43	627061	295.483	ug/l	99
26) 2,2-Dichloropropane	4.59	77	128807	41.448	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	124697	52.855	ug/l	99
28) Bromochloromethane	5.02	49	99358	58.007	ug/l	99
29) Tetrahydrofuran	5.13	42	419490	295.332	ug/l	98
30) Chloroform	5.21	83	203580	54.874	ug/l	99
31) Cyclohexane	5.58	56	211361	51.833	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	164998	53.661	ug/l	99
36) 1,1-Dichloropropene	5.80	75	151780	47.473	ug/l	100
37) Ethyl Acetate	4.84	43	213854	51.981	ug/l	99
38) Carbon Tetrachloride	5.79	117	137441	50.707	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181828	46.710	ug/l	97
40) Benzene	6.14	78	479760	50.866	ug/l	100
41) Methacrylonitrile	5.05	41	133662	56.608	ug/l	99
42) 1,2-Dichloroethane	6.20	62	173333	51.878	ug/l	99
43) Isopropyl Acetate	6.45	43	343182	51.763	ug/l	99
44) Trichloroethene	7.21	130	110190	47.681	ug/l	99
45) 1,2-Dichloropropane	7.51	63	139639	53.365	ug/l	99
46) Dibromomethane	7.66	93	78011	51.228	ug/l	99
47) Bromodichloromethane	7.90	83	157214	52.636	ug/l	99
48) Methyl methacrylate	7.77	41	180502	55.101	ug/l	99
49) 1,4-Dioxane	7.74	88	61399	1001.390	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1193696	282.619	ug/l	99
52) Toluene	8.79	92	277791	49.143	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	174266	50.697	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	194906	50.639	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116618	52.054	ug/l	98
56) Ethyl methacrylate	9.18	69	214123	53.303	ug/l	99
57) 1,3-Dichloropropane	9.37	76	208721	52.325	ug/l	100
59) 2-Hexanone	9.49	43	923031	283.454	ug/l	99
60) Dibromochloromethane	9.59	129	114935	53.529	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120365	52.056	ug/l	100
64) Tetrachloroethene	9.34	164	94465	46.232	ug/l	97
65) Chlorobenzene	10.14	112	281131	49.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105941	52.971	ug/l	99
67) Ethyl Benzene	10.25	91	525364	50.622	ug/l	99
68) m/p-Xylenes	10.36	106	378778	100.428	ug/l	99
69) o-Xylene	10.70	106	186712	50.877	ug/l	99
70) Stvrene	10.71	104	319104	50.177	ug/l	99
71) Bromoform	10.86	173	84068	52.762	ug/l #	97
73) Isopropylbenzene	11.02	105	492792	52.902	ug/l	100
74) N-amyl acetate	10.90	43	279063	52.175	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191691	56.321	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	185750m	61.900	ug/l	
77) Bromobenzene	11.26	156	119028	50.644	ug/l	97
78) n-propylbenzene	11.36	91	562108	52.574	ug/l	100
79) 2-Chlorotoluene	11.42	91	333525	51.767	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	413541	52.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60131	51.444	ug/l	96
82) 4-Chlorotoluene	11.51	91	381846	51.031	ug/l	100
83) tert-Butylbenzene	11.77	119	408653	54.452	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	418476	52.593	ug/l	100
85) sec-Butylbenzene	11.94	105	467614	52.243	ug/l	100
86) p-Isopropyltoluene	12.07	119	424845	51.626	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204539	49.723	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	203233	48.738	ug/l	100
89) n-Butylbenzene	12.39	91	377583	49.267	ug/l	100
90) Hexachloroethane	12.60	117	72200	53.188	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	210151	51.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45247	58.388	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	139760	47.664	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	67801	46.362	ug/l	99
95) Naphthalene	13.83	128	488948	52.048	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143973	49.764	ug/l	99

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

