

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012901.D
 Acq On : 08 Oct 2019 19:47
 Operator : JC/SP
 Sample : K5122-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MSD

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:20 AM

Quant Time: Oct 09 03:28:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116511	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	5.49	113	91247	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	8.71	98	350760	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	133588	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92182	51.154	ug/l	99
3) Chloromethane	1.32	50	98334	50.140	ug/l	97
4) Vinyl Chloride	1.40	62	101755	50.268	ug/l	100
5) Bromomethane	1.63	94	38638	45.918	ug/l	98
6) Chloroethane	1.71	64	62205	50.306	ug/l	100
7) Trichlorofluoromethane	1.92	101	141116	51.651	ug/l	99
8) Diethyl Ether	2.18	74	57354	52.008	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88172	49.865	ug/l	99
10) Methyl Iodide	2.50	142	93096	46.832	ug/l	100
11) Tert butyl alcohol	3.03	59	132746	226.625	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91540	51.239	ug/l	95
13) Acrolein	2.28	56	98864	237.501	ug/l	99
14) Allyl chloride	2.72	41	166442	52.315	ug/l	98
15) Acrylonitrile	3.13	53	293403	264.317	ug/l	99
16) Acetone	2.43	43	248172	213.080	ug/l	99
17) Carbon Disulfide	2.56	76	255924	50.239	ug/l	100
18) Methyl Acetate	2.76	43	133991	48.536	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329070	53.338	ug/l	99
20) Methylene Chloride	2.84	84	106502	49.756	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	98654	51.521	ug/l	99
22) Diisopropyl ether	3.84	45	323218	53.017	ug/l	93
23) Vinyl Acetate	3.80	43	1377380	261.714	ug/l	98
24) 1,1-Dichloroethane	3.69	63	180988	52.770	ug/l	99
25) 2-Butanone	4.66	43	399479	247.225	ug/l	100
26) 2,2-Dichloropropane	4.57	77	135251	46.896	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	114307	51.788	ug/l	99
28) Bromochloromethane	5.01	49	55660	54.342	ug/l	99
29) Tetrahydrofuran	5.12	42	262050	263.542	ug/l	100
30) Chloroform	5.20	83	181148	51.474	ug/l	99
31) Cyclohexane	5.57	56	160949	50.186	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	159621	53.531	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135786	50.994	ug/l	99
37) Ethyl Acetate	4.82	43	150745	50.628	ug/l	99
38) Carbon Tetrachloride	5.78	117	135975	52.464	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165862	51.363	ug/l	98
40) Benzene	6.14	78	415416	52.821	ug/l	98
41) Methacrylonitrile	5.03	41	88681	54.203	ug/l	96
42) 1,2-Dichloroethane	6.18	62	146877	52.047	ug/l	99
43) Isopropyl Acetate	6.43	43	248702	52.041	ug/l	100
44) Trichloroethene	7.20	130	107069	49.095	ug/l	98
45) 1,2-Dichloropropane	7.51	63	105514	52.641	ug/l	96
46) Dibromomethane	7.65	93	70864	53.064	ug/l	99
47) Bromodichloromethane	7.89	83	139578	53.557	ug/l	98
48) Methyl methacrylate	7.76	41	123157	52.883	ug/l	100
49) 1,4-Dioxane	7.73	88	55624	893.899	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	782710	262.691	ug/l	100
52) Toluene	8.78	92	263787	52.428	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	153364	47.278	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	169773	52.965	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103521	51.991	ug/l	97
56) Ethyl methacrylate	9.17	69	175526	49.257	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179832	52.211	ug/l	99
59) 2-Hexanone	9.48	43	603366	260.137	ug/l	100
60) Dibromochloromethane	9.58	129	106495	48.134	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109419	52.239	ug/l	100
64) Tetrachloroethene	9.33	164	88696	46.825	ug/l	96
65) Chlorobenzene	10.14	112	274433	50.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100473	53.432	ug/l	100
67) Ethyl Benzene	10.25	91	501687	52.078	ug/l	99
68) m/p-Xylenes	10.35	106	376374	104.581	ug/l	100
69) o-Xylene	10.70	106	183042	52.156	ug/l	99
70) Styrene	10.71	104	315030	52.802	ug/l	99
71) Bromoform	10.85	173	74474	46.711	ug/l	100
73) Isopropylbenzene	11.01	105	486066	52.996	ug/l	99
74) N-amyl acetate	10.89	43	211730	53.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162278	53.196	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153506m	55.479	ug/l	
77) Bromobenzene	11.25	156	110745	51.240	ug/l	96
78) n-propylbenzene	11.35	91	543002	53.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	335484	52.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	410885	53.651	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	48112	45.145	ug/l	97
82) 4-Chlorotoluene	11.51	91	383987	52.818	ug/l	100
83) tert-Butylbenzene	11.76	119	402168	53.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	414511	53.442	ug/l	99
85) sec-Butylbenzene	11.94	105	458012	52.918	ug/l	99
86) p-Isopropyltoluene	12.06	119	417474	52.007	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	202853	50.542	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	204572	50.328	ug/l	99
89) n-Butylbenzene	12.39	91	349605	51.820	ug/l	98
90) Hexachloroethane	12.59	117	72017	48.506	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204536	51.982	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38495	53.839	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	126036	51.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	57136	50.229	ug/l	100
95) Naphthalene	13.83	128	446919	52.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129113	50.690	ug/l	100

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

