

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012900.D
 Acq On : 08 Oct 2019 19:23
 Operator : JC/SP
 Sample : K5122-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:26 AM

Quant Time: Oct 09 03:27:01 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	180297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110597	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	87289	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	330023	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	11.14	95	127946	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92368	50.260	ug/l	100
3) Chloromethane	1.32	50	103977	51.986	ug/l	98
4) Vinyl Chloride	1.40	62	105478	51.094	ug/l	100
5) Bromomethane	1.63	94	36452	42.477	ug/l	97
6) Chloroethane	1.71	64	63097	50.037	ug/l	98
7) Trichlorofluoromethane	1.92	101	142096	50.997	ug/l	100
8) Diethyl Ether	2.18	74	59418	52.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86904	48.191	ug/l	99
10) Methyl Iodide	2.50	142	88314	43.917	ug/l	99
11) Tert butyl alcohol	3.03	59	135687	227.138	ug/l	100
12) 1,1-Dichloroethene	2.36	96	92630	50.840	ug/l	97
13) Acrolein	2.28	56	101294	238.602	ug/l	99
14) Allyl chloride	2.72	41	170446	52.530	ug/l	97
15) Acrylonitrile	3.13	53	304142	268.659	ug/l	100
16) Acetone	2.44	43	260374	219.205	ug/l	100
17) Carbon Disulfide	2.56	76	256105	49.296	ug/l	100
18) Methyl Acetate	2.76	43	135982	48.299	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	336378	53.461	ug/l	99
20) Methylene Chloride	2.84	84	107702	49.338	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	101231	51.838	ug/l	99
22) Diisopropyl ether	3.84	45	330271	53.120	ug/l	96
23) Vinyl Acetate	3.80	43	1400934	261.009	ug/l	99
24) 1,1-Dichloroethane	3.69	63	185636	53.072	ug/l	98
25) 2-Butanone	4.66	43	415338	252.037	ug/l	98
26) 2,2-Dichloropropane	4.57	77	138129	46.961	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	116785	51.881	ug/l	99
28) Bromochloromethane	5.00	49	57814	55.355	ug/l	98
29) Tetrahydrofuran	5.12	42	271393	267.626	ug/l	99
30) Chloroform	5.20	83	185218	51.607	ug/l	100
31) Cyclohexane	5.57	56	159489	48.763	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	160356	52.731	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135275	49.507	ug/l	98
37) Ethyl Acetate	4.82	43	153809	50.340	ug/l	100
38) Carbon Tetrachloride	5.78	117	136634	51.374	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158425	47.809	ug/l	99
40) Benzene	6.13	78	419230	51.947	ug/l	99
41) Methacrylonitrile	5.03	41	91176	54.307	ug/l	96
42) 1,2-Dichloroethane	6.19	62	149423	51.599	ug/l	100
43) Isopropyl Acetate	6.43	43	251597	51.304	ug/l	100
44) Trichloroethene	7.20	130	107410	47.995	ug/l	94
45) 1,2-Dichloropropane	7.51	63	105799	51.437	ug/l	98
46) Dibromomethane	7.65	93	72178	52.669	ug/l	99
47) Bromodichloromethane	7.89	83	141586	52.942	ug/l	98
48) Methyl methacrylate	7.76	41	124990	52.302	ug/l	99
49) 1,4-Dioxane	7.73	88	57579	901.414	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	806738	263.851	ug/l	100
52) Toluene	8.78	92	265815	51.484	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	156052	46.898	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171233	52.059	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106871	52.304	ug/l	99
56) Ethyl methacrylate	9.17	69	177035	48.445	ug/l	100
57) 1,3-Dichloropropane	9.37	76	182102	51.522	ug/l	98
59) 2-Hexanone	9.49	43	616502	259.023	ug/l	99
60) Dibromochloromethane	9.58	129	108045	47.610	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113169	52.652	ug/l	98
64) Tetrachloroethene	9.33	164	90337	46.579	ug/l	96
65) Chlorobenzene	10.14	112	276411	49.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	99549	51.706	ug/l	98
67) Ethyl Benzene	10.25	91	501476	50.842	ug/l	100
68) m/p-Xylenes	10.36	106	377641	102.486	ug/l	98
69) o-Xylene	10.70	106	184151	51.248	ug/l	100
70) Stvrene	10.71	104	315077	51.578	ug/l	99
71) Bromoform	10.85	173	75361	46.201	ug/l	100
73) Isopropylbenzene	11.01	105	481780	50.664	ug/l	99
74) N-amyl acetate	10.89	43	211072	51.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	161643	51.107	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154724m	53.934	ug/l	
77) Bromobenzene	11.25	156	111852	49.915	ug/l	100
78) n-propylbenzene	11.35	91	532640	50.903	ug/l	98
79) 2-Chlorotoluene	11.42	91	337165	51.271	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400317	50.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49988	45.232	ug/l	98
82) 4-Chlorotoluene	11.51	91	386307	51.251	ug/l	100
83) tert-Butylbenzene	11.76	119	397907	51.371	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	408839	50.840	ug/l	98
85) sec-Butylbenzene	11.94	105	452594	50.435	ug/l	99
86) p-Isopropyltoluene	12.06	119	413146	49.641	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206365	49.592	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	203166	48.208	ug/l	99
89) n-Butylbenzene	12.39	91	355874	50.877	ug/l	99
90) Hexachloroethane	12.59	117	71751	46.694	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203229	49.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39997	53.955	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	125982	49.298	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53923	45.721	ug/l	98
95) Naphthalene	13.83	128	458928	51.805	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130257	49.324	ug/l	100

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

