

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101119\
 Data File : VX013030.D
 Acq On : 11 Oct 2019 20:36
 Operator : JC/SP
 Sample : K5313-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202MS

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 10:39:40 AM

Quant Time: Oct 12 05:47:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105719	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	5.49	113	84630	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	8.71	98	317227	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	124982	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	71806	43.883	ug/l	99
3) Chloromethane	1.32	50	90457	50.795	ug/l	98
4) Vinyl Chloride	1.40	62	118784	64.624	ug/l	98
5) Bromomethane	1.63	94	34347	44.953	ug/l	95
6) Chloroethane	1.71	64	57183	50.924	ug/l	99
7) Trichlorofluoromethane	1.92	101	122604	49.420	ug/l	100
8) Diethyl Ether	2.18	74	52608	52.536	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72451	45.124	ug/l	99
10) Methyl Iodide	2.50	142	95450	52.223	ug/l	99
11) Tert butyl alcohol	3.03	59	115354	216.878	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82147	50.638	ug/l	97
13) Acrolein	2.28	56	98845	261.504	ug/l	99
14) Allyl chloride	2.72	41	146182	50.600	ug/l	98
15) Acrylonitrile	3.13	53	276686	274.501	ug/l	98
16) Acetone	2.44	43	227183	214.813	ug/l	100
17) Carbon Disulfide	2.56	76	213900	46.242	ug/l	100
18) Methyl Acetate	2.76	43	122008	48.672	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	304076	54.278	ug/l #	54
20) Methylene Chloride	2.84	84	98050	50.447	ug/l #	88
21) trans-1,2-Dichloroethene	3.16	96	91721	52.751	ug/l	97
22) Diisopropyl ether	3.84	45	298095	53.848	ug/l	91
23) Vinyl Acetate	3.80	43	1255369	262.689	ug/l	100
24) 1,1-Dichloroethane	3.69	63	165407	53.112	ug/l	99
25) 2-Butanone	4.66	43	368547	251.182	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117129	44.725	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	171819	85.729	ug/l	95
28) Bromochloromethane	5.00	49	48959	52.627	ug/l	98
29) Tetrahydrofuran	5.12	42	238673	264.342	ug/l	98
30) Chloroform	5.20	83	169092	52.915	ug/l	98
31) Cyclohexane	5.57	56	482209	165.587	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	144727	53.452	ug/l	98
36) 1,1-Dichloropropene	5.79	75	122681	50.984	ug/l	98
37) Ethyl Acetate	4.82	43	142317	52.893	ug/l	99
38) Carbon Tetrachloride	5.78	117	120709	51.538	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	432028	148.049	ug/l	98
40) Benzene	6.14	78	630997	88.786	ug/l	98
41) Methacrylonitrile	5.03	41	78655	53.200	ug/l	99
42) 1,2-Dichloroethane	6.18	62	139169	54.572	ug/l	99
43) Isopropyl Acetate	6.43	43	232625	53.866	ug/l	100
44) Trichloroethene	7.21	130	100209	50.848	ug/l	95
45) 1,2-Dichloropropane	7.51	63	100300	55.374	ug/l	99
46) Dibromomethane	7.65	93	66255	54.901	ug/l	99
47) Bromodichloromethane	7.89	83	128828	54.702	ug/l	99
48) Methyl methacrylate	7.76	41	125161	59.473	ug/l	90
49) 1,4-Dioxane	7.73	88	48647	866.246	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	730890	271.449	ug/l	100
52) Toluene	8.78	92	331195	72.843	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140083	47.764	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150369	51.913	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96870	53.837	ug/l	98
56) Ethyl methacrylate	9.17	69	166691	51.671	ug/l	97
57) 1,3-Dichloropropane	9.37	76	165403	53.141	ug/l	99
59) 2-Hexanone	9.49	43	548931	261.897	ug/l	99
60) Dibromochloromethane	9.58	129	98502	49.223	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103440	54.649	ug/l	99
64) Tetrachloroethene	9.33	164	81160	46.938	ug/l	96
65) Chlorobenzene	10.14	112	256081	51.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92617	53.958	ug/l	99
67) Ethyl Benzene	10.25	91	868414	98.756	ug/l	99
68) m/p-Xylenes	10.35	106	728261	221.686	ug/l	99
69) o-Xylene	10.70	106	189772	59.238	ug/l	98
70) Stvrene	10.71	104	296300	54.406	ug/l	99
71) Bromoform	10.85	173	67904	46.661	ug/l #	99
73) Isopropylbenzene	11.01	105	583066	67.277	ug/l	100
74) N-amyl acetate	10.89	43	196210	52.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	154494	53.596	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143548m	54.904	ug/l	
77) Bromobenzene	11.25	156	105045	51.435	ug/l	98
78) n-propylbenzene	11.35	91	682719	71.590	ug/l	100
79) 2-Chlorotoluene	11.42	91	359573	59.995	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	604487	83.531	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	43363	43.249	ug/l	98
82) 4-Chlorotoluene	11.51	91	379325	55.218	ug/l	95
83) tert-Butylbenzene	11.77	119	375811	53.236	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	920000	125.526	ug/l	98
85) sec-Butylbenzene	11.94	105	481444	58.867	ug/l	99
86) p-Isopropyltoluene	12.06	119	419887	55.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190923	50.342	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	191071	49.746	ug/l	100
89) n-Butylbenzene	12.39	91	384127	60.255	ug/l	95
90) Hexachloroethane	12.59	117	72333	51.425	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	190770	51.309	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37429	55.399	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	123655	53.092	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52653	48.985	ug/l	99
95) Naphthalene	13.83	128	499496	61.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	125836	52.283	ug/l	98

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

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