

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015269.D
 Acq On : 13 Mar 2020 18:44
 Operator : JC/SP
 Sample : L1903-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:27 PM

Quant Time: Mar 16 09:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	250241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	380150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	190432	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	138188	46.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	116152	48.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	444118	48.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	164427	50.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	94382	43.072	ug/l	99
3) Chloromethane	1.32	50	123177	39.683	ug/l	99
4) Vinyl Chloride	1.40	62	126524	40.199	ug/l	96
5) Bromomethane	1.64	94	77278	39.936	ug/l	93
6) Chloroethane	1.72	64	78023	41.324	ug/l	100
7) Trichlorofluoromethane	1.92	101	164915	44.035	ug/l	98
8) Diethyl Ether	2.18	74	72905	42.979	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115789	49.141	ug/l	97
10) Methyl Iodide	2.50	142	103353	38.824	ug/l	99
11) Tert butyl alcohol	3.05	59	132658	257.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109793	45.149	ug/l	96
13) Acrolein	2.29	56	123082	254.272	ug/l	100
14) Allyl chloride	2.72	41	207470	48.930	ug/l	93
15) Acrylonitrile	3.13	53	344232	268.352	ug/l	99
16) Acetone	2.44	43	275911	229.485	ug/l	98
17) Carbon Disulfide	2.56	76	281854	41.736	ug/l	100
18) Methyl Acetate	2.76	43	155009	52.727	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	372772	49.055	ug/l	97
20) Methylene Chloride	2.85	84	126357	44.907	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	119066	45.855	ug/l	99
22) Diisopropyl ether	3.84	45	429380	50.827	ug/l	99
23) Vinyl Acetate	3.81	43	1803020	259.644	ug/l	99
24) 1,1-Dichloroethane	3.69	63	226233	48.252	ug/l	100
25) 2-Butanone	4.66	43	472831	268.628	ug/l	100
26) 2,2-Dichloropropane	4.58	77	148704	39.952	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	151129	51.880	ug/l	98
28) Bromochloromethane	5.01	49	107367	50.289	ug/l	96
29) Tetrahydrofuran	5.12	42	315281	277.872	ug/l	97
30) Chloroform	5.20	83	222573	48.705	ug/l	96
31) Cyclohexane	5.58	56	197269	47.170	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	180505	47.650	ug/l	99
36) 1,1-Dichloropropene	5.79	75	161073	45.833	ug/l	98
37) Ethyl Acetate	4.82	43	184845	56.702	ug/l	99
38) Carbon Tetrachloride	5.78	117	156061	47.045	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191613	46.694	ug/l	97
40) Benzene	6.14	78	502166	48.162	ug/l	99
41) Methacrylonitrile	5.03	41	106015	54.142	ug/l	96
42) 1,2-Dichloroethane	6.18	62	169471	47.330	ug/l	99
43) Isopropyl Acetate	6.43	43	299238	52.179	ug/l	99
44) Trichloroethene	7.21	130	753563	259.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133330	49.404	ug/l	99
46) Dibromomethane	7.65	93	84809	48.228	ug/l	97
47) Bromodichloromethane	7.89	83	169105	48.629	ug/l	99
48) Methyl methacrylate	7.76	41	150042	51.405	ug/l	97
49) 1,4-Dioxane	7.75	88	67768	1073.842	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	930693	274.480	ug/l	100
52) Toluene	8.78	92	311362	48.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182817	49.392	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201295	48.106	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	131340	50.054	ug/l	99
56) Ethyl methacrylate	9.17	69	203105	54.266	ug/l	96
57) 1,3-Dichloropropane	9.37	76	216360	49.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	492135	241.364	ug/l	100
59) 2-Hexanone	9.48	43	697507	277.540	ug/l	98
60) Dibromochloromethane	9.58	129	137983	50.059	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132817	48.190	ug/l	99
64) Tetrachloroethene	9.33	164	187024	63.658	ug/l	98
65) Chlorobenzene	10.14	112	335682	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	127913	47.552	ug/l	98
67) Ethyl Benzene	10.25	91	585750	48.353	ug/l	99
68) m/p-Xylenes	10.35	106	451822	98.032	ug/l	100
69) o-Xylene	10.70	106	215802	48.904	ug/l	100
70) Styrene	10.71	104	385292	50.923	ug/l	99
71) Bromoform	10.85	173	108416	51.973	ug/l #	98
73) Isopropylbenzene	11.01	105	580166	47.692	ug/l	100
74) N-amyl acetate	10.89	43	257432	50.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	187730	46.306	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	156964m	41.322	ug/l	
77) Bromobenzene	11.25	156	154787	45.657	ug/l	98
78) n-propylbenzene	11.35	91	672598	48.395	ug/l	100
79) 2-Chlorotoluene	11.42	91	388978	46.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	476755	47.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62991	47.063	ug/l	96
82) 4-Chlorotoluene	11.51	91	452477	46.144	ug/l	100
83) tert-Butylbenzene	11.76	119	461528	47.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497645	48.916	ug/l	100
85) sec-Butylbenzene	11.94	105	570697	48.280	ug/l	100
86) p-Isopropyltoluene	12.06	119	529673	48.636	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277788	46.610	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278688	45.293	ug/l	99
89) n-Butylbenzene	12.39	91	462609	47.760	ug/l	100
90) Hexachloroethane	12.59	117	93250	45.292	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	273112	46.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40384	49.745	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	198687	48.307	ug/l	100
94) Hexachlorobutadiene	13.78	225	94627	44.835	ug/l	97
95) Naphthalene	13.83	128	581876	46.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200978	48.975	ug/l	99

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

