

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121420\
 Data File : VX020000.D
 Acq On : 14 Dec 2020 20:31
 Operator : JC/MD
 Sample : L5052-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5229-121020MS

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 5:34:16 PM

Quant Time: Dec 15 02:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	375937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160109	54.67	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.34%
35) Dibromofluoromethane	5.46	113	129031	49.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.84%
50) Toluene-d8	8.70	98	486523	48.81	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.62%
62) 4-Bromofluorobenzene	11.12	95	185082	48.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.58%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	105835	51.877	ug/l	100
3) Chloromethane	1.31	50	124779	52.006	ug/l	99
4) Vinyl Chloride	1.39	62	393495	155.541	ug/l	100
5) Bromomethane	1.62	94	26238	31.235	ug/l	97
6) Chloroethane	1.70	64	123304	81.136	ug/l	98
7) Trichlorofluoromethane	1.91	101	193108	54.810	ug/l	94
8) Diethyl Ether	2.17	74	85264	57.108	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100937	49.982	ug/l	98
10) Methyl Iodide	2.49	142	100545	33.778	ug/l	100
11) Tert butyl alcohol	3.02	59	247849	413.354	ug/l	99
12) 1,1-Dichloroethene	2.35	96	137542	67.369	ug/l	94
13) Acrolein	2.27	56	72529	224.360	ug/l	99
14) Allyl chloride	2.70	41	193565	56.136	ug/l #	56
15) Acrylonitrile	3.12	53	471128	355.843	ug/l	100
16) Acetone	2.42	43	445569	404.762	ug/l	100
17) Carbon Disulfide	2.54	76	298431	50.943	ug/l	99
18) Methyl Acetate	2.75	43	353238	131.130	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	453902	61.047	ug/l	99
20) Methylene Chloride	2.83	84	149021	59.569	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	880529	369.932	ug/l	99
22) Diisopropyl ether	3.82	45	433631	62.199	ug/l	94
23) Vinyl Acetate	3.78	43	1845695	310.749	ug/l	100
24) 1,1-Dichloroethane	3.67	63	250097	59.489	ug/l	100
25) 2-Butanone	4.64	43	677915	400.773	ug/l	100
26) 2,2-Dichloropropane	4.55	77	82555	22.803	ug/l #	1
27) cis-1,2-Dichloroethene	4.56	96	9029128	3241.465	ug/l	89
28) Bromochloromethane	4.98	49	113500	56.633	ug/l	97
29) Tetrahydrofuran	5.09	42	400609	367.591	ug/l	98
30) Chloroform	5.18	83	256251	59.279	ug/l	98
31) Cyclohexane	5.54	56	173244	47.555	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	214218	57.544	ug/l	99
36) 1,1-Dichloropropene	5.77	75	177195	48.541	ug/l	99
37) Ethyl Acetate	4.79	43	216637	58.778	ug/l #	79
38) Carbon Tetrachloride	5.75	117	176619	49.409	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	128199	29.892	ug/l	99
40) Benzene	6.11	78	578092	51.843	ug/l	100
41) Methacrylonitrile	5.00	41	119188	58.899	ug/l	99
42) 1,2-Dichloroethane	6.16	62	201632	52.923	ug/l	100
43) Isopropyl Acetate	6.41	43	334857	55.883	ug/l	99
44) Trichloroethene	7.18	130	243530	83.238	ug/l	99
45) 1,2-Dichloropropane	7.49	63	149527	53.653	ug/l	99
46) Dibromomethane	7.63	93	100503	53.401	ug/l	99
47) Bromodichloromethane	7.87	83	202284	54.165	ug/l	100
48) Methyl methacrylate	7.74	41	170045	57.701	ug/l	98
49) 1,4-Dioxane	7.71	88	103334	1447.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1154895	315.682	ug/l	100
52) Toluene	8.76	92	359297	51.518	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193509	46.694	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	203950	45.299	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	157305	55.970	ug/l	99
56) Ethyl methacrylate	9.16	69	238254	56.031	ug/l	99
57) 1,3-Dichloropropane	9.35	76	257888	53.738	ug/l	100
59) 2-Hexanone	9.47	43	916698	323.264	ug/l	100
60) Dibromochloromethane	9.56	129	157806	55.265	ug/l	99
61) 1,2-Dibromoethane	9.65	107	160515	53.785	ug/l	100
64) Tetrachloroethene	9.32	164	103596	41.092	ug/l	96
65) Chlorobenzene	10.12	112	374655	50.023	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	142979	53.039	ug/l	99
67) Ethyl Benzene	10.23	91	648865	48.807	ug/l	99
68) m/p-Xylenes	10.34	106	475606	94.939	ug/l	98
69) o-Xylene	10.68	106	235202	48.808	ug/l	100
70) Styrene	10.70	104	419821	51.614	ug/l	99
71) Bromoform	10.84	173	121429	57.259	ug/l	99
73) Isopropylbenzene	11.00	105	566585	48.263	ug/l	100
74) N-amyl acetate	10.88	43	317012	67.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	268447	64.860	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	234846m	60.937	ug/l	
77) Bromobenzene	11.24	156	161688	53.820	ug/l	98
78) n-propylbenzene	11.34	91	618186	46.105	ug/l	99
79) 2-Chlorotoluene	11.40	91	412912	50.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	455942	46.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	60462	45.353	ug/l	99
82) 4-Chlorotoluene	11.49	91	493281	51.009	ug/l	98
83) tert-Butylbenzene	11.76	119	435525	44.820	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	479160	48.011	ug/l	99
85) sec-Butylbenzene	11.93	105	404785	36.486	ug/l	99
86) p-Isopropyltoluene	12.05	119	373488	36.733	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	269177	48.817	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	277582	49.426	ug/l	100
89) n-Butylbenzene	12.37	91	274929	30.520	ug/l	100
90) Hexachloroethane	12.58	117	66405	37.829	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	283226	52.692	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62590	70.345	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	133194	38.067	ug/l	98

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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	18085	11.564	ug/l	96
95) Naphthalene	13.82	128	671359	59.184	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	136339	39.871	ug/l	100

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

