

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063956.D
 Acq On : 7 Oct 2020 20:31
 Operator : JC/MD
 Sample : L4293-04MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:12 AM

Quant Time: Oct 08 06:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	278503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	217343	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	7.55	113	153571	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.06	98	567859	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.38	95	217221	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	132361	45.041	ug/l	100
3) Chloromethane	2.04	50	152012	44.085	ug/l	100
4) Vinyl Chloride	2.16	62	155406	44.899	ug/l	99
5) Bromomethane	2.53	94	70246	32.266	ug/l	97
6) Chloroethane	2.67	64	99817	48.262	ug/l	99
7) Trichlorofluoromethane	2.99	101	272017	49.553	ug/l	99
8) Diethyl Ether	3.37	74	90001	48.479	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139470	47.535	ug/l	97
10) Methyl Iodide	3.91	142	126371	37.095	ug/l	99
11) Tert butyl alcohol	4.73	59	123599	243.318	ug/l	99
12) 1,1-Dichloroethene	3.70	96	131225	46.791	ug/l	94
13) Acrolein	3.57	56	63458	203.544	ug/l	99
14) Allyl chloride	4.28	41	266005	51.055	ug/l	94
15) Acrylonitrile	4.93	53	390583	268.619	ug/l	100
16) Acetone	3.78	43	363116	256.373	ug/l	98
17) Carbon Disulfide	4.01	76	347489	45.901	ug/l	99
18) Methyl Acetate	4.28	43	187532	50.996	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	521557	51.189	ug/l	100
20) Methylene Chloride	4.51	84	161365	49.741	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	149364	47.549	ug/l	97
22) Diisopropyl ether	5.90	45	581677	54.263	ug/l	99
23) Vinyl Acetate	5.85	43	2165063	243.822	ug/l	99
24) 1,1-Dichloroethane	5.80	63	314229	51.268	ug/l	100
25) 2-Butanone	6.78	43	543299	270.561	ug/l	100
26) 2,2-Dichloropropane	6.78	77	218256	38.885	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	176843	48.950	ug/l	99
28) Bromochloromethane	7.15	49	156927	51.803	ug/l	99
29) Tetrahydrofuran	7.17	42	366350	272.019	ug/l	97
30) Chloroform	7.33	83	325908	50.997	ug/l	94
31) Cyclohexane	7.61	56	248736	46.566	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	290437	50.385	ug/l	98
36) 1,1-Dichloropropene	7.76	75	226804	48.968	ug/l	99
37) Ethyl Acetate	6.88	43	220814	47.986	ug/l	99
38) Carbon Tetrachloride	7.74	117	253401	48.790	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215457	46.647	ug/l	98
40) Benzene	8.00	78	656448	49.621	ug/l	100
41) Methacrylonitrile	7.13	41	115368	56.411	ug/l	95
42) 1,2-Dichloroethane	8.09	62	278737	49.359	ug/l	100
43) Isopropyl Acetate	8.13	43	390321	51.424	ug/l	99
44) Trichloroethene	8.80	130	167144	48.221	ug/l	98
45) 1,2-Dichloropropane	9.08	63	183281	51.299	ug/l	99
46) Dibromomethane	9.17	93	121632	49.350	ug/l	98
47) Bromodichloromethane	9.37	83	257640	50.721	ug/l	98
48) Methyl methacrylate	9.17	41	207641	55.371	ug/l	91
49) 1,4-Dioxane	9.16	88	48657	912.955	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1232285	276.653	ug/l	99
52) Toluene	10.13	92	419535	51.271	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	272088	49.970	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	275750	48.424	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	168392	51.315	ug/l	99
56) Ethyl methacrylate	10.40	69	253138	54.421	ug/l	97
57) 1,3-Dichloropropane	10.68	76	291480	52.502	ug/l	99
59) 2-Hexanone	10.72	43	893243	269.951	ug/l	99
60) Dibromochloromethane	10.87	129	195359	51.119	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174070	51.856	ug/l	98
64) Tetrachloroethene	10.60	164	148235	44.919	ug/l	98
65) Chlorobenzene	11.41	112	443463	50.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	176221	52.534	ug/l	99
67) Ethyl Benzene	11.49	91	827360	51.965	ug/l	98
68) m/p-Xylenes	11.60	106	608334	102.519	ug/l	99
69) o-Xylene	11.92	106	294109	53.029	ug/l	98
70) Stvrene	11.94	104	502426	53.367	ug/l	99
71) Bromoform	12.10	173	133645	52.093	ug/l #	97
73) Isopropylbenzene	12.23	105	772970	49.510	ug/l	99
74) N-amyl acetate	12.05	43	334198	46.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240689	50.415	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	229812m	48.705	ug/l	
77) Bromobenzene	12.50	156	197556	51.569	ug/l	97
78) n-propylbenzene	12.57	91	887014	48.818	ug/l	100
79) 2-Chlorotoluene	12.65	91	551017	49.310	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	662041	50.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77661	47.405	ug/l	99
82) 4-Chlorotoluene	12.75	91	572637	49.363	ug/l	97
83) tert-Butylbenzene	12.97	119	536625	50.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	669503	51.197	ug/l	98
85) sec-Butylbenzene	13.15	105	692709	49.226	ug/l	100
86) p-Isopropyltoluene	13.26	119	629422	50.561	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	346505	49.997	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	341394	47.309	ug/l	99
89) n-Butylbenzene	13.59	91	526392	45.814	ug/l	99
90) Hexachloroethane	13.85	117	114807	47.592	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	340359	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54240	48.445	ug/l	96
93) 1,2,4-Trichlorobenzene	14.88	180	168563	45.327	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	88844	47.737	ug/l	97
95) Naphthalene	15.10	128	613729	53.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	166956	46.238	ug/l	100

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

