

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063841.D
 Acq On : 3 Oct 2020 00:20
 Operator : JC/MD
 Sample : VN1002WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:36 PM

Quant Time: Oct 05 07:49:03 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	249380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	214591	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.55	113	146152	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.06	98	531404	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.38	95	195513	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	48041	18.257	ug/l	96
3) Chloromethane	2.04	50	57571	18.646	ug/l	96
4) Vinyl Chloride	2.16	62	57539	18.565	ug/l	99
5) Bromomethane	2.53	94	37551	19.262	ug/l	94
6) Chloroethane	2.67	64	37812	20.417	ug/l	96
7) Trichlorofluoromethane	2.98	101	92279	18.773	ug/l	92
8) Diethyl Ether	3.37	74	32513	19.558	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	48386	18.417	ug/l	99
10) Methyl Iodide	3.91	142	59268	19.429	ug/l	98
11) Tert butyl alcohol	4.73	59	56814	124.906	ug/l	99
12) 1,1-Dichloroethene	3.70	96	46526	18.527	ug/l	95
13) Acrolein	3.57	56	21113	75.629	ug/l	90
14) Allyl chloride	4.28	41	87524	18.761	ug/l	99
15) Acrylonitrile	4.93	53	137024	105.242	ug/l	97
16) Acetone	3.78	43	138419	109.142	ug/l	96
17) Carbon Disulfide	4.01	76	123517	18.644	ug/l	97
18) Methyl Acetate	4.28	43	74637	22.666	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	178916	19.611	ug/l	98
20) Methylene Chloride	4.50	84	57616	19.893	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	51839	18.430	ug/l	91
22) Diisopropyl ether	5.90	45	191471	19.948	ug/l	97
23) Vinyl Acetate	5.85	43	796817	100.214	ug/l	100
24) 1,1-Dichloroethane	5.80	63	107969	19.673	ug/l	99
25) 2-Butanone	6.78	43	204362	113.657	ug/l	99
26) 2,2-Dichloropropane	6.78	77	72479	14.421	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	60106	18.580	ug/l	99
28) Bromochloromethane	7.15	49	53213	19.617	ug/l	97
29) Tetrahydrofuran	7.16	42	134344	111.401	ug/l	99
30) Chloroform	7.33	83	115239	20.138	ug/l	94
31) Cyclohexane	7.62	56	85404	17.856	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	102535	19.865	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76729	17.928	ug/l	98
37) Ethyl Acetate	6.88	43	86137	20.258	ug/l	98
38) Carbon Tetrachloride	7.73	117	87629	18.259	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66491	15.579	ug/l	98
40) Benzene	8.00	78	224912	18.399	ug/l	98
41) Methacrylonitrile	7.12	41	29141m	15.420	ug/l	
42) 1,2-Dichloroethane	8.09	62	103298	19.796	ug/l	98
43) Isopropyl Acetate	8.13	43	142254	20.283	ug/l	97
44) Trichloroethene	8.80	130	56911	17.769	ug/l	95
45) 1,2-Dichloropropane	9.08	63	63044	19.096	ug/l	97
46) Dibromomethane	9.17	93	43795	19.230	ug/l	98
47) Bromodichloromethane	9.37	83	90572	19.297	ug/l	98
48) Methyl methacrylate	9.17	41	70444	20.329	ug/l	94
49) 1,4-Dioxane	9.16	88	22808	463.135	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	456384	110.884	ug/l	99
52) Toluene	10.13	92	142527	18.850	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	90648	18.017	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	96765	18.390	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59209	19.527	ug/l	95
56) Ethyl methacrylate	10.40	69	83187	19.354	ug/l	98
57) 1,3-Dichloropropane	10.68	76	100298	19.551	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	224412	97.609	ug/l	100
59) 2-Hexanone	10.72	43	334168	109.294	ug/l	99
60) Dibromochloromethane	10.87	129	66993	18.971	ug/l	100
61) 1,2-Dibromoethane	10.98	107	60244	19.423	ug/l	99
64) Tetrachloroethene	10.60	164	55055	18.011	ug/l	96
65) Chlorobenzene	11.41	112	152535	18.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58471	18.819	ug/l	98
67) Ethyl Benzene	11.48	91	268886	18.233	ug/l	100
68) m/p-Xylenes	11.59	106	198843	36.178	ug/l	100
69) o-Xylene	11.92	106	94976	18.488	ug/l	100
70) Styrene	11.94	104	160208	18.372	ug/l	99
71) Bromoform	12.10	173	43124	18.148	ug/l #	96
73) Isopropylbenzene	12.23	105	252156	19.390	ug/l	100
74) N-amyl acetate	12.04	43	119552	21.119	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	87005	21.879	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	80254m	20.419	ug/l	
77) Bromobenzene	12.50	156	64149	20.103	ug/l	96
78) n-propylbenzene	12.57	91	282595	18.672	ug/l	99
79) 2-Chlorotoluene	12.65	91	179998	19.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	209170	19.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24668	18.077	ug/l	92
82) 4-Chlorotoluene	12.75	91	184674	19.112	ug/l	97
83) tert-Butylbenzene	12.97	119	170910	19.151	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	209676	19.249	ug/l	97
85) sec-Butylbenzene	13.15	105	217312	18.539	ug/l	100
86) p-Isopropyltoluene	13.26	119	190951	18.415	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111993	19.400	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112419	18.703	ug/l	98
89) n-Butylbenzene	13.59	91	160018	16.720	ug/l	98
90) Hexachloroethane	13.85	117	36863	18.345	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	111759	19.545	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19095	20.475	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	49051	16.964	ug/l	98
94) Hexachlorobutadiene	14.98	225	27776	17.959	ug/l	97
95) Naphthalene	15.11	128	155221	17.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	48615	17.184	ug/l	98

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

