

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060733.D
 Acq On : 27 Mar 2020 11:41
 Operator : JC/MD
 Sample : VN0327WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

Quant Time: Mar 30 00:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	332001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139689	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	131658	47.43	ug/l	0.00
Spiked Amount						
			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	98050	48.84	ug/l	0.00
Spiked Amount						
			Recovery	=	97.68%	
50) Toluene-d8	10.08	98	394832	48.15	ug/l	0.00
Spiked Amount						
			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.40	95	141082	46.95	ug/l	0.00
Spiked Amount						
			Recovery	=	93.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	35871	18.333	ug/l	99
3) Chloromethane	2.04	50	60389	16.525	ug/l	100
4) Vinyl Chloride	2.17	62	48058	16.813	ug/l	98
5) Bromomethane	2.55	94	24536	19.885	ug/l	99
6) Chloroethane	2.69	64	30367	18.443	ug/l	99
7) Trichlorofluoromethane	3.00	101	64653	18.362	ug/l	97
8) Diethyl Ether	3.38	74	26508	18.741	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	38861	19.047	ug/l	100
10) Methyl Iodide	3.93	142	35436	19.519	ug/l	98
11) Tert butyl alcohol	4.72	59	34888	85.454	ug/l	98
12) 1,1-Dichloroethene	3.72	96	39474	18.029	ug/l	95
13) Acrolein	3.58	56	32558	71.954	ug/l	97
14) Allyl chloride	4.29	41	70710	18.363	ug/l	99
15) Acrylonitrile	4.94	53	108763	90.595	ug/l	99
16) Acetone	3.78	43	101882	103.609	ug/l	100
17) Carbon Disulfide	4.03	76	116539	17.502	ug/l	100
18) Methyl Acetate	4.29	43	50938	18.404	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	138865	18.448	ug/l	99
20) Methylene Chloride	4.52	84	45085	18.638	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	42215	18.091	ug/l	93
22) Diisopropyl ether	5.91	45	155751	19.145	ug/l	98
23) Vinyl Acetate	5.86	43	630454	94.979	ug/l	100
24) 1,1-Dichloroethane	5.82	63	84433	19.038	ug/l	100
25) 2-Butanone	6.80	43	146340	91.969	ug/l	97
26) 2,2-Dichloropropane	6.80	77	71982	20.629	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49142	18.532	ug/l	98
28) Bromochloromethane	7.17	49	42347	19.957	ug/l	99
29) Tetrahydrofuran	7.18	42	97443	86.552	ug/l	98
30) Chloroform	7.35	83	78807	18.536	ug/l	100
31) Cyclohexane	7.63	56	81652	18.262	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	68327	18.642	ug/l	98
36) 1,1-Dichloropropene	7.77	75	61699	19.192	ug/l	99
37) Ethyl Acetate	6.89	43	62663	18.040	ug/l	98
38) Carbon Tetrachloride	7.75	117	53844	18.688	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	74328	19.456	ug/l	99
40) Benzene	8.02	78	185138	19.077	ug/l	99
41) Methacrylonitrile	7.14	41	25442m	17.162	ug/l	
42) 1,2-Dichloroethane	8.10	62	64070	19.318	ug/l	99
43) Isopropyl Acetate	8.14	43	105245	18.371	ug/l	100
44) Trichloroethene	8.81	130	47569	19.444	ug/l	100
45) 1,2-Dichloropropane	9.10	63	51119	19.962	ug/l	98
46) Dibromomethane	9.19	93	29936	19.337	ug/l	100
47) Bromodichloromethane	9.38	83	60921	18.937	ug/l	99
48) Methyl methacrylate	9.18	41	45355	17.782	ug/l	98
49) 1,4-Dioxane	9.18	88	12176	401.625	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	297672	91.313	ug/l	100
52) Toluene	10.14	92	112573	19.207	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	71217	19.272	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	79149	19.524	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	42181	18.707	ug/l	98
56) Ethyl methacrylate	10.42	69	64786	18.427	ug/l	98
57) 1,3-Dichloropropane	10.70	76	75354	19.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	140078	80.165	ug/l	100
59) 2-Hexanone	10.74	43	214517	91.351	ug/l	99
60) Dibromochloromethane	10.89	129	44296	19.019	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42748	18.854	ug/l	99
64) Tetrachloroethene	10.62	164	45082	19.086	ug/l	97
65) Chlorobenzene	11.42	112	113792	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41765	19.386	ug/l	98
67) Ethyl Benzene	11.50	91	212238	19.180	ug/l	99
68) m/p-Xylenes	11.62	106	157945	38.411	ug/l	99
69) o-Xylene	11.94	106	76002	19.362	ug/l	99
70) Styrene	11.96	104	119891	18.675	ug/l	100
71) Bromoform	12.12	173	30044	17.895	ug/l #	99
73) Isopropylbenzene	12.24	105	204015	19.461	ug/l	100
74) N-amyl acetate	12.06	43	88920	18.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60004	18.928	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	58342m	19.356	ug/l	
77) Bromobenzene	12.52	156	47635	18.857	ug/l	98
78) n-propylbenzene	12.59	91	237047	19.140	ug/l	100
79) 2-Chlorotoluene	12.67	91	141462	19.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	171962	19.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21145	18.017	ug/l	99
82) 4-Chlorotoluene	12.77	91	144976	19.235	ug/l	98
83) tert-Butylbenzene	12.99	119	142651	19.343	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	170942	19.423	ug/l	100
85) sec-Butylbenzene	13.17	105	193733	19.536	ug/l	99
86) p-Isopropyltoluene	13.28	119	174933	19.617	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85227	19.130	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	84782	18.941	ug/l	99
89) n-Butylbenzene	13.61	91	158554	19.693	ug/l	99
90) Hexachloroethane	13.87	117	25147	19.400	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	83320	19.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11384	16.967	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	51049	19.513	ug/l	98
94) Hexachlorobutadiene	15.01	225	25963	20.245	ug/l	99
95) Naphthalene	15.13	128	140863	17.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	48112	18.671	ug/l	100

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

