

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076655.D
 Acq On : 14 Feb 2023 12:13
 Operator : JC\MD
 Sample : VN0214WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214WBS01

Quant Time: Feb 14 15:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 02/14/2023
 Supervised By :Mahesh
 Dadoda
 02/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	323760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	581217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	530734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	251152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	209451	46.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.700%		
35) Dibromofluoromethane	8.172	113	167841	44.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.200%		
50) Toluene-d8	10.566	98	668234	47.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.020%		
62) 4-Bromofluorobenzene	12.848	95	218699	46.453	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	71522	20.805	ug/l	90
3) Chloromethane	2.372	50	84722	18.889	ug/l	100
4) Vinyl Chloride	2.531	62	87068	19.724	ug/l	97
5) Bromomethane	2.960	94	59870	22.384	ug/l	91
6) Chloroethane	3.131	64	58594	21.004	ug/l	99
7) Trichlorofluoromethane	3.507	101	114884	19.128	ug/l	95
8) Diethyl Ether	3.972	74	45247	19.550	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	68227	19.333	ug/l	96
10) Methyl Iodide	4.596	142	78889	18.101	ug/l #	95
11) Tert butyl alcohol	5.531	59	61774	104.682	ug/l	99
12) 1,1-Dichloroethene	4.354	96	62862	18.811	ug/l	95
13) Acrolein	4.196	56	89361	100.866	ug/l	98
14) Allyl chloride	5.031	41	113383	19.581	ug/l	96
15) Acrylonitrile	5.731	53	213732	102.056	ug/l	99
16) Acetone	4.443	43	200835	100.569	ug/l	96
17) Carbon Disulfide	4.725	76	165215	18.725	ug/l	97
18) Methyl Acetate	5.037	43	128479	19.710	ug/l	98
19) Methyl tert-butyl Ether	5.813	73	230596	20.467	ug/l	99
20) Methylene Chloride	5.290	84	80062	19.129	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	72541	19.284	ug/l #	91
22) Diisopropyl ether	6.678	45	278581	20.512	ug/l	98
23) Vinyl Acetate	6.613	43	1036168	128.950	ug/l	99
24) 1,1-Dichloroethane	6.578	63	141045	18.950	ug/l	96
25) 2-Butanone	7.489	43	301211	102.254	ug/l	98
26) 2,2-Dichloropropane	7.501	77	108769	20.260	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	84012	18.829	ug/l	95
28) Bromochloromethane	7.825	49	65474	18.482	ug/l	90
29) Tetrahydrofuran	7.848	42	198800	103.295	ug/l	100
30) Chloroform	7.972	83	145083	19.509	ug/l	99
31) Cyclohexane	8.260	56	137515	19.609	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	122358	19.569	ug/l	92
36) 1,1-Dichloropropene	8.378	75	105280	19.144	ug/l	99
37) Ethyl Acetate	7.566	43	124255	21.474	ug/l	98
38) Carbon Tetrachloride	8.366	117	105337	18.987	ug/l	95
39) Methylcyclohexane	9.607	83	126169	20.183	ug/l	97
40) Benzene	8.613	78	326401	19.327	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	67418	20.113	ug/l	97
42) 1,2-Dichloroethane	8.678	62	115178	19.554	ug/l	98
43) Isopropyl Acetate	8.689	43	196695	20.891	ug/l	100
44) Trichloroethene	9.354	130	74426	18.649	ug/l	98
45) 1,2-Dichloropropane	9.625	63	87877	19.656	ug/l	100
46) Dibromomethane	9.713	93	57846	20.239	ug/l	94
47) Bromodichloromethane	9.889	83	114137	19.918	ug/l #	92
48) Methyl methacrylate	9.683	41	92449	20.692	ug/l	94
49) 1,4-Dioxane	9.695	88	31529	407.956	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	624907	104.316	ug/l	99
52) Toluene	10.630	92	206824	20.284	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	113710	20.559	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	129648	20.322	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	83105	20.044	ug/l	97
56) Ethyl methacrylate	10.878	69	119220	20.428	ug/l	95
57) 1,3-Dichloropropane	11.166	76	142559	20.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	279393	104.534	ug/l	97
59) 2-Hexanone	11.201	43	458175	106.074	ug/l	100
60) Dibromochloromethane	11.360	129	83120	19.022	ug/l	100
61) 1,2-Dibromoethane	11.472	107	81191	19.564	ug/l	94
64) Tetrachloroethene	11.107	164	60972	18.230	ug/l	97
65) Chlorobenzene	11.895	112	218188	19.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	78373	19.183	ug/l	97
67) Ethyl Benzene	11.966	91	388627	20.281	ug/l	99
68) m/p-Xylenes	12.072	106	306555	41.504	ug/l	97
69) o-Xylene	12.401	106	149410	20.741	ug/l	100
70) Styrene	12.413	104	243503	20.904	ug/l	100
71) Bromoform	12.577	173	55447	18.502	ug/l #	99
73) Isopropylbenzene	12.695	105	379334	20.606	ug/l	99
74) N-amyl acetate	12.495	43	169401	20.416	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	129360	19.413	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	90950m	17.912	ug/l	
77) Bromobenzene	12.983	156	87916	19.142	ug/l	94
78) n-propylbenzene	13.036	91	456389	21.113	ug/l	99
79) 2-Chlorotoluene	13.130	91	269039	20.327	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	316725	20.819	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	35523	20.376	ug/l	97
82) 4-Chlorotoluene	13.130	91	269039	20.327	ug/l	97
83) tert-Butylbenzene	13.442	119	284917	20.702	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	323991	21.369	ug/l	99
85) sec-Butylbenzene	13.619	105	404880	21.071	ug/l	99
86) p-Isopropyltoluene	13.730	119	330654	21.550	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	172039	19.816	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	171685	19.858	ug/l	99
89) n-Butylbenzene	14.060	91	278454	20.866	ug/l	99
90) Hexachloroethane	14.336	117	60733	18.904	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	173464	19.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	24245	18.781	ug/l	91
93) 1,2,4-Trichlorobenzene	15.395	180	86280	19.433	ug/l	95
94) Hexachlorobutadiene	15.501	225	42367	19.470	ug/l	97
95) Naphthalene	15.642	128	279016	20.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	84831	19.722	ug/l	98

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

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