

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076877.D
 Acq On : 08 Mar 2023 11:21
 Operator : JC\MD
 Sample : VN0308WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 03/09/2023

Supervised By :Mahesh
 Dadoda
 03/09/2023

Quant Time: Mar 09 03:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	547814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	952954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	836449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	361266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	322677	42.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.020%		
35) Dibromofluoromethane	8.172	113	252991	42.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.880%		
50) Toluene-d8	10.572	98	1023919	44.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.160%		
62) 4-Bromofluorobenzene	12.848	95	354905	44.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	112553	17.657	ug/l	99
3) Chloromethane	2.378	50	125682	14.991	ug/l	94
4) Vinyl Chloride	2.531	62	117694	15.315	ug/l	94
5) Bromomethane	2.972	94	74120	14.678	ug/l	99
6) Chloroethane	3.137	64	71254	15.279	ug/l	95
7) Trichlorofluoromethane	3.513	101	200607	17.891	ug/l	98
8) Diethyl Ether	3.978	74	79500	18.432	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.390	101	118985	18.149	ug/l	99
10) Methyl Iodide	4.607	142	134614	19.687	ug/l	97
11) Tert butyl alcohol	5.531	59	102360	89.748	ug/l	100
12) 1,1-Dichloroethene	4.354	96	113141	18.507	ug/l	89
13) Acrolein	4.190	56	120757	81.844	ug/l	100
14) Allyl chloride	5.037	41	172101	16.862	ug/l #	81
15) Acrylonitrile	5.737	53	342872	93.479	ug/l	99
16) Acetone	4.443	43	315137	93.998	ug/l	96
17) Carbon Disulfide	4.725	76	289199	17.425	ug/l	95
18) Methyl Acetate	5.037	43	207269	18.042	ug/l #	88
19) Methyl tert-butyl Ether	5.813	73	381932	18.219	ug/l	97
20) Methylene Chloride	5.296	84	135130	17.276	ug/l #	83
21) trans-1,2-Dichloroethene	5.801	96	118419	17.915	ug/l	84
22) Diisopropyl ether	6.684	45	416913	18.157	ug/l #	93
23) Vinyl Acetate	6.619	43	1323322	90.477	ug/l #	90
24) 1,1-Dichloroethane	6.584	63	239189	18.267	ug/l	98
25) 2-Butanone	7.490	43	461634	94.262	ug/l #	86
26) 2,2-Dichloropropane	7.501	77	179237	18.692	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	143189	18.492	ug/l	90
28) Bromochloromethane	7.819	49	89215	16.113	ug/l #	78
29) Tetrahydrofuran	7.842	42	297318	94.109	ug/l #	79
30) Chloroform	7.972	83	235384	18.100	ug/l	99
31) Cyclohexane	8.266	56	222194	17.125	ug/l	87
32) 1,1,1-Trichloroethane	8.178	97	205392	18.238	ug/l	96
36) 1,1-Dichloropropene	8.378	75	178009	18.578	ug/l	96
37) Ethyl Acetate	7.572	43	179912	18.293	ug/l #	91
38) Carbon Tetrachloride	8.366	117	176060	18.088	ug/l	98
39) Methylcyclohexane	9.607	83	213217	18.054	ug/l #	84
40) Benzene	8.613	78	537918	18.430	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.784	41	98685	18.375	ug/l	#	85
42) 1,2-Dichloroethane	8.678	62	180382	17.741	ug/l		97
43) Isopropyl Acetate	8.695	43	277496	18.431	ug/l	#	91
44) Trichloroethene	9.354	130	129368	18.694	ug/l		99
45) 1,2-Dichloropropane	9.625	63	140060	18.570	ug/l		98
46) Dibromomethane	9.713	93	90170	18.823	ug/l		98
47) Bromodichloromethane	9.889	83	183753	18.658	ug/l		95
48) Methyl methacrylate	9.684	41	132530	18.115	ug/l	#	80
49) 1,4-Dioxane	9.701	88	48707	363.227	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.448	43	901745	94.952	ug/l		92
52) Toluene	10.636	92	335759	19.320	ug/l		98
53) t-1,3-Dichloropropene	10.836	75	180248	18.881	ug/l		99
54) cis-1,3-Dichloropropene	10.313	75	206151	18.800	ug/l		94
55) 1,1,2-Trichloroethane	11.019	97	128600	18.602	ug/l		97
56) Ethyl methacrylate	10.878	69	195629	18.992	ug/l	#	84
57) 1,3-Dichloropropane	11.166	76	224453	18.699	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.160	63	304063	85.195	ug/l		94
59) 2-Hexanone	11.201	43	664112	96.505	ug/l		89
60) Dibromochloromethane	11.360	129	132854	19.502	ug/l		96
61) 1,2-Dibromoethane	11.472	107	125072	18.823	ug/l		99
64) Tetrachloroethene	11.107	164	128533	20.649	ug/l		99
65) Chlorobenzene	11.895	112	337219	18.655	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.960	131	121542	18.587	ug/l		100
67) Ethyl Benzene	11.966	91	621079	18.922	ug/l		98
68) m/p-Xylenes	12.072	106	475662	38.518	ug/l		95
69) o-Xylene	12.401	106	231895	19.069	ug/l		91
70) Styrene	12.413	104	375440	19.691	ug/l		96
71) Bromoform	12.577	173	88814	19.954	ug/l	#	98
73) Isopropylbenzene	12.695	105	597376	18.970	ug/l		97
74) N-amyl acetate	12.495	43	227752	18.493	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.942	83	179523	17.788	ug/l		100
76) 1,2,3-Trichloropropane	12.995	75	143366m	15.735	ug/l		
77) Bromobenzene	12.983	156	131780	18.911	ug/l		88
78) n-propylbenzene	13.036	91	690532	19.229	ug/l		97
79) 2-Chlorotoluene	13.124	91	422466	18.339	ug/l		95
80) 1,3,5-Trimethylbenzene	13.177	105	508349	19.261	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.742	75	57587	20.845	ug/l	#	79
82) 4-Chlorotoluene	13.224	91	407274	18.649	ug/l		93
83) tert-Butylbenzene	13.442	119	430549	19.090	ug/l		94
84) 1,2,4-Trimethylbenzene	13.483	105	513088	19.708	ug/l		95
85) sec-Butylbenzene	13.619	105	605389	19.225	ug/l		97
86) p-Isopropyltoluene	13.730	119	491876	19.530	ug/l		96
87) 1,3-Dichlorobenzene	13.736	146	243180	19.112	ug/l		99
88) 1,4-Dichlorobenzene	13.813	146	237676	18.396	ug/l		99
89) n-Butylbenzene	14.060	91	401889	18.470	ug/l		98
90) Hexachloroethane	14.336	117	85301	18.745	ug/l		95
91) 1,2-Dichlorobenzene	14.107	146	245151	19.021	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	35053	18.330	ug/l		84
93) 1,2,4-Trichlorobenzene	15.395	180	120660	18.713	ug/l		99
94) Hexachlorobutadiene	15.507	225	63641	18.956	ug/l		98
95) Naphthalene	15.642	128	390864	18.925	ug/l		100
96) 1,2,3-Trichlorobenzene	15.842	180	118718	18.732	ug/l		96

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

