

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077553.D
 Acq On : 03 May 2023 11:08
 Operator : JC\MD
 Sample : VN0503WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 04:41:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	717396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1324642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1198045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	469600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	435431	46.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.020%		
35) Dibromofluoromethane	8.172	113	373458	46.907	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	10.572	98	1496548	49.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.848	95	491174	49.199	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	145716	16.123	ug/l	93
3) Chloromethane	2.372	50	108743	15.122	ug/l	98
4) Vinyl Chloride	2.525	62	149750	15.632	ug/l	99
5) Bromomethane	2.954	94	130082	15.676	ug/l	98
6) Chloroethane	3.131	64	103985	14.287	ug/l	99
7) Trichlorofluoromethane	3.507	101	246082	17.477	ug/l	96
8) Diethyl Ether	3.966	74	90086	17.607	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	145997	17.829	ug/l	98
10) Methyl Iodide	4.596	142	159534	15.858	ug/l	97
11) Tert butyl alcohol	5.531	59	116513	77.531	ug/l	98
12) 1,1-Dichloroethene	4.348	96	133568	16.684	ug/l	94
13) Acrolein	4.190	56	110329	73.800	ug/l	99
14) Allyl chloride	5.031	41	129909	14.595	ug/l #	86
15) Acrylonitrile	5.725	53	282690	82.920	ug/l	99
16) Acetone	4.437	43	260169	87.359	ug/l	98
17) Carbon Disulfide	4.719	76	289825	14.247	ug/l	99
18) Methyl Acetate	5.031	43	187769	16.327	ug/l	95
19) Methyl tert-butyl Ether	5.801	73	468267	17.588	ug/l	100
20) Methylene Chloride	5.284	84	157756	16.703	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	145604	16.819	ug/l	98
22) Diisopropyl ether	6.678	45	346977	16.985	ug/l	96
23) Vinyl Acetate	6.613	43	1007626	78.981	ug/l	95
24) 1,1-Dichloroethane	6.572	63	258606	17.884	ug/l	97
25) 2-Butanone	7.489	43	349363	82.708	ug/l	99
26) 2,2-Dichloropropane	7.495	77	245677	17.522	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	178594	17.419	ug/l	99
28) Bromochloromethane	7.813	49	98935	17.916	ug/l	92
29) Tetrahydrofuran	7.842	42	201834	76.262	ug/l	94
30) Chloroform	7.972	83	295259	18.118	ug/l	97
31) Cyclohexane	8.260	56	212805	16.047	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	272601	18.195	ug/l	97
36) 1,1-Dichloropropene	8.372	75	210075	18.264	ug/l	98
37) Ethyl Acetate	7.566	43	140137	16.033	ug/l	96
38) Carbon Tetrachloride	8.366	117	231939	18.276	ug/l	98
39) Methylcyclohexane	9.601	83	271573	17.920	ug/l	99
40) Benzene	8.607	78	630107	17.982	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	70746	15.541	ug/l	88
42) 1,2-Dichloroethane	8.678	62	216238	17.967	ug/l	99
43) Isopropyl Acetate	8.689	43	252054	16.669	ug/l	97
44) Trichloroethene	9.354	130	166322	18.538	ug/l	90
45) 1,2-Dichloropropane	9.625	63	147613	17.984	ug/l	94
46) Dibromomethane	9.713	93	121908	18.304	ug/l	99
47) Bromodichloromethane	9.889	83	241988	18.784	ug/l	100
48) Methyl methacrylate	9.683	41	109552	15.916	ug/l	96
49) 1,4-Dioxane	9.695	88	59715	345.879	ug/l #	97
51) 4-Methyl-2-Pentanone	10.442	43	740790	83.525	ug/l	98
52) Toluene	10.630	92	439539	19.148	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	237815	18.230	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	257971	18.168	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	172384	18.675	ug/l	99
56) Ethyl methacrylate	10.877	69	234201	18.107	ug/l	95
57) 1,3-Dichloropropane	11.166	76	279162	18.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	322190	73.645	ug/l	98
59) 2-Hexanone	11.195	43	545260	84.577	ug/l	98
60) Dibromochloromethane	11.360	129	178132	18.594	ug/l	98
61) 1,2-Dibromoethane	11.472	107	173427	18.402	ug/l	99
64) Tetrachloroethene	11.107	164	132364	18.457	ug/l	96
65) Chlorobenzene	11.895	112	467044	18.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	167082	18.115	ug/l	96
67) Ethyl Benzene	11.966	91	834082	18.689	ug/l	96
68) m/p-Xylenes	12.071	106	644077	37.133	ug/l	98
69) o-Xylene	12.401	106	323340	18.952	ug/l	99
70) Styrene	12.413	104	510313	19.126	ug/l	99
71) Bromoform	12.583	173	110279	18.275	ug/l #	99
73) Isopropylbenzene	12.695	105	826074	18.957	ug/l	99
74) N-amyl acetate	12.495	43	194988	15.114	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	239308	17.478	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	197464m	18.083	ug/l	
77) Bromobenzene	12.983	156	178082	18.751	ug/l	97
78) n-propylbenzene	13.036	91	914631	18.982	ug/l	99
79) 2-Chlorotoluene	13.124	91	560635	18.872	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	629036	19.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	64473	16.680	ug/l	98
82) 4-Chlorotoluene	13.224	91	527828	19.014	ug/l	99
83) tert-Butylbenzene	13.442	119	584484	18.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	573868	18.988	ug/l	98
85) sec-Butylbenzene	13.618	105	831755	19.282	ug/l	100
86) p-Isopropyltoluene	13.736	119	628223	18.928	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	313019	18.533	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	310911	18.643	ug/l	98
89) n-Butylbenzene	14.060	91	478635	18.635	ug/l	100
90) Hexachloroethane	14.336	117	127095	17.333	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	305836	18.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	42360	16.730	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	61719	16.077	ug/l	96
94) Hexachlorobutadiene	15.501	225	63904	18.878	ug/l	98
95) Naphthalene	15.642	128	221099	15.816	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	59654	16.440	ug/l	98

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

