

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076492.D
 Acq On : 01 Feb 2023 12:17
 Operator : JC\MD
 Sample : VN0201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:48:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	400133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	583836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248231	55.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.820%			
35) Dibromofluoromethane	8.171	113	215207	52.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	10.571	98	763968	50.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.853	95	279253	56.563	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73590	17.947	ug/l	96
3) Chloromethane	2.371	50	93016	21.910	ug/l	95
4) Vinyl Chloride	2.530	62	101773	19.550	ug/l	98
5) Bromomethane	2.971	94	65845	15.446	ug/l	94
6) Chloroethane	3.130	64	62279	15.955	ug/l	97
7) Trichlorofluoromethane	3.512	101	140473	19.614	ug/l	99
8) Diethyl Ether	3.977	74	50357	20.963	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	80466	19.847	ug/l	97
10) Methyl Iodide	4.606	142	114769	18.532	ug/l	96
11) Tert butyl alcohol	5.536	59	58073	96.908	ug/l	100
12) 1,1-Dichloroethene	4.359	96	69523	18.140	ug/l	87
13) Acrolein	4.195	56	62738	87.543	ug/l	99
14) Allyl chloride	5.042	41	86828	19.441	ug/l	98
15) Acrylonitrile	5.736	53	171109	100.339	ug/l	99
16) Acetone	4.442	43	160554	111.748	ug/l	94
17) Carbon Disulfide	4.724	76	142294	14.911	ug/l	95
18) Methyl Acetate	5.042	43	98779	20.294	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	264858	21.228	ug/l	99
20) Methylene Chloride	5.289	84	82736	19.096	ug/l	99
21) trans-1,2-Dichloroethene	5.794	96	74075	17.841	ug/l	97
22) Diisopropyl ether	6.683	45	226375	21.493	ug/l	96
23) Vinyl Acetate	6.618	43	683607m	100.426	ug/l	
24) 1,1-Dichloroethane	6.583	63	138479	19.724	ug/l	99
25) 2-Butanone	7.488	43	215467	98.228	ug/l	93
26) 2,2-Dichloropropane	7.494	77	122212	20.654	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	94252	19.463	ug/l	98
28) Bromochloromethane	7.818	49	64448	22.648	ug/l	99
29) Tetrahydrofuran	7.841	42	137095	101.265	ug/l	99
30) Chloroform	7.977	83	162377	20.902	ug/l	100
31) Cyclohexane	8.265	56	117858	17.125	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	144345	20.352	ug/l	90
36) 1,1-Dichloropropene	8.377	75	107772	18.521	ug/l	99
37) Ethyl Acetate	7.565	43	88409	18.965	ug/l	99
38) Carbon Tetrachloride	8.371	117	126661	19.519	ug/l	97
39) Methylcyclohexane	9.606	83	130349	18.344	ug/l	97
40) Benzene	8.612	78	328319	18.870	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48973	20.040	ug/l	97
42) 1,2-Dichloroethane	8.677	62	123622	20.766	ug/l	99
43) Isopropyl Acetate	8.694	43	151804	19.993	ug/l	100
44) Trichloroethene	9.359	130	89450	18.177	ug/l	98
45) 1,2-Dichloropropane	9.624	63	79828	19.163	ug/l	98
46) Dibromomethane	9.712	93	64343	20.457	ug/l	96
47) Bromodichloromethane	9.888	83	125712	20.608	ug/l	95
48) Methyl methacrylate	9.688	41	74005	20.588	ug/l	93
49) 1,4-Dioxane	9.700	88	30079	396.577	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	457435	102.628	ug/l	99
52) Toluene	10.635	92	220487	18.949	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	123031	21.157	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	135382	20.236	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	93665	21.060	ug/l	97
56) Ethyl methacrylate	10.876	69	123681	21.540	ug/l	98
57) 1,3-Dichloropropane	11.165	76	147443	20.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	170193	87.800	ug/l	99
59) 2-Hexanone	11.200	43	325724	100.845	ug/l	100
60) Dibromochloromethane	11.359	129	101235	21.623	ug/l	100
61) 1,2-Dibromoethane	11.471	107	90200	20.318	ug/l	99
64) Tetrachloroethene	11.106	164	91764	17.429	ug/l	97
65) Chlorobenzene	11.894	112	239098	19.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	93109	20.277	ug/l	98
67) Ethyl Benzene	11.965	91	424449	20.095	ug/l	97
68) m/p-Xylenes	12.070	106	335062	39.560	ug/l	98
69) o-Xylene	12.400	106	167689	20.161	ug/l	97
70) Styrene	12.412	104	272346	20.507	ug/l	98
71) Bromoform	12.582	173	69545	20.972	ug/l #	99
73) Isopropylbenzene	12.700	105	437066	20.254	ug/l	100
74) N-amyl acetate	12.500	43	126528	20.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	124298	20.037	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	97788m	18.649	ug/l	
77) Bromobenzene	12.982	156	101145	19.708	ug/l	95
78) n-propylbenzene	13.035	91	489396	20.100	ug/l	100
79) 2-Chlorotoluene	13.129	91	299610	20.053	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	374238	20.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32355	19.299	ug/l	91
82) 4-Chlorotoluene	13.129	91	299610	20.053	ug/l	98
83) tert-Butylbenzene	13.441	119	328988	20.461	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	377153	20.806	ug/l	99
85) sec-Butylbenzene	13.617	105	463924	20.794	ug/l	99
86) p-Isopropyltoluene	13.729	119	387905	21.144	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	193004	18.976	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	187231	19.414	ug/l	97
89) n-Butylbenzene	14.059	91	300008	20.600	ug/l	99
90) Hexachloroethane	14.335	117	64322	20.314	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	190138	18.770	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22503	20.869	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	85950	18.406	ug/l	99
94) Hexachlorobutadiene	15.506	225	49955	18.583	ug/l	99
95) Naphthalene	15.641	128	257359	18.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	83047	18.542	ug/l	97

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

