

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076550.D
 Acq On : 06 Feb 2023 18:36
 Operator : JC\MD
 Sample : VN0206WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBSD01

Quant Time: Feb 07 15:27:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 15:24:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	623070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1045927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	915581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	417864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	344767	46.472	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.940%		
35) Dibromofluoromethane	8.177	113	306192	47.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	10.571	98	1183486	48.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.260%		
62) 4-Bromofluorobenzene	12.853	95	409880	48.090	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	134820	20.586	ug/l	100
3) Chloromethane	2.377	50	113728	17.959	ug/l	100
4) Vinyl Chloride	2.530	62	107919	20.607	ug/l	99
5) Bromomethane	2.965	94	74446	18.608	ug/l	94
6) Chloroethane	3.130	64	64723	19.783	ug/l	94
7) Trichlorofluoromethane	3.512	101	211951	18.602	ug/l	100
8) Diethyl Ether	3.977	74	77230	18.639	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	121367	18.273	ug/l	98
10) Methyl Iodide	4.606	142	178125	18.192	ug/l	99
11) Tert butyl alcohol	5.530	59	76483	75.764	ug/l	99
12) 1,1-Dichloroethene	4.353	96	117313	18.601	ug/l	96
13) Acrolein	4.195	56	119688	87.066	ug/l	99
14) Allyl chloride	5.042	41	145712	17.668	ug/l	93
15) Acrylonitrile	5.730	53	253605	86.361	ug/l	99
16) Acetone	4.442	43	194581	74.997	ug/l	97
17) Carbon Disulfide	4.730	76	285808	17.832	ug/l	98
18) Methyl Acetate	5.036	43	142473	17.970	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	381854	18.633	ug/l	99
20) Methylene Chloride	5.289	84	134722	17.968	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	124419	18.725	ug/l	97
22) Diisopropyl ether	6.689	45	343015	18.670	ug/l	97
23) Vinyl Acetate	6.618	43	1077498	90.998	ug/l	100
24) 1,1-Dichloroethane	6.577	63	216982	18.604	ug/l	98
25) 2-Butanone	7.494	43	302289	82.431	ug/l	93
26) 2,2-Dichloropropane	7.500	77	175653	17.870	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	142425	18.308	ug/l	99
28) Bromochloromethane	7.824	49	91150	18.874	ug/l	100
29) Tetrahydrofuran	7.847	42	201759	86.460	ug/l	99
30) Chloroform	7.971	83	233132	18.207	ug/l	98
31) Cyclohexane	8.265	56	209154	18.032	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	207998	18.221	ug/l	94
36) 1,1-Dichloropropene	8.377	75	170320	18.416	ug/l	99
37) Ethyl Acetate	7.565	43	129826	17.599	ug/l	99
38) Carbon Tetrachloride	8.371	117	182523	18.113	ug/l	98
39) Methylcyclohexane	9.606	83	223906	19.958	ug/l	99
40) Benzene	8.612	78	530595	18.845	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	70618	17.925	ug/l	96
42) 1,2-Dichloroethane	8.677	62	171019	18.278	ug/l	99
43) Isopropyl Acetate	8.694	43	214063	17.843	ug/l	98
44) Trichloroethene	9.353	130	140149	18.618	ug/l	98
45) 1,2-Dichloropropane	9.624	63	125891	18.430	ug/l	98
46) Dibromomethane	9.712	93	86901	17.740	ug/l	96
47) Bromodichloromethane	9.894	83	177044	18.060	ug/l	95
48) Methyl methacrylate	9.683	41	105119	18.344	ug/l	99
49) 1,4-Dioxane	9.700	88	40683	301.390	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	635894	88.444	ug/l	99
52) Toluene	10.635	92	344130	19.151	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	177185	18.674	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	204849	19.136	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	128505	18.270	ug/l	98
56) Ethyl methacrylate	10.877	69	187310	19.840	ug/l	100
57) 1,3-Dichloropropane	11.165	76	217281	18.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	289479	101.988	ug/l	99
59) 2-Hexanone	11.200	43	456100	87.316	ug/l	98
60) Dibromochloromethane	11.365	129	133468	17.857	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132467	18.853	ug/l	99
64) Tetrachloroethene	11.106	164	150628	19.489	ug/l	98
65) Chlorobenzene	11.894	112	356910	18.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	130472	18.803	ug/l	98
67) Ethyl Benzene	11.965	91	654934	19.650	ug/l	98
68) m/p-Xylenes	12.071	106	512926	39.682	ug/l	100
69) o-Xylene	12.400	106	254465	20.031	ug/l	100
70) Styrene	12.412	104	414055	20.494	ug/l	98
71) Bromoform	12.582	173	92436	18.668	ug/l #	99
73) Isopropylbenzene	12.700	105	659371	19.797	ug/l	99
74) N-amyl acetate	12.494	43	181065	18.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	174444	18.071	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	133351m	15.646	ug/l	
77) Bromobenzene	12.982	156	148764	18.983	ug/l	98
78) n-propylbenzene	13.035	91	755925	20.397	ug/l	100
79) 2-Chlorotoluene	13.129	91	455843	19.376	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	569020	20.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46458	18.151	ug/l	95
82) 4-Chlorotoluene	13.129	91	455843	19.376	ug/l	99
83) tert-Butylbenzene	13.441	119	503556	20.056	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	568832	20.308	ug/l	100
85) sec-Butylbenzene	13.618	105	700704	20.703	ug/l	99
86) p-Isopropyltoluene	13.729	119	579369	21.021	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	279794	19.274	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	272148	18.585	ug/l	98
89) n-Butylbenzene	14.059	91	462746	21.165	ug/l	100
90) Hexachloroethane	14.335	117	89673	19.055	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	271565	19.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29394	17.665	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	129357	20.605	ug/l	99
94) Hexachlorobutadiene	15.506	225	70818	19.647	ug/l	99
95) Naphthalene	15.641	128	386304	20.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	124391	20.611	ug/l	98

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

