

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075728.D
 Acq On : 12 Dec 2022 21:16
 Operator : JC\MD
 Sample : N5978-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Dec 13 01:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	206289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	305951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98486	44.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.000%		
35) Dibromofluoromethane	8.171	113	89974	43.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.800%		
50) Toluene-d8	10.571	98	345295	44.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.740%		
62) 4-Bromofluorobenzene	12.853	95	121896	46.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71663	47.233	ug/l	98
3) Chloromethane	2.377	50	86716	47.971	ug/l	97
4) Vinyl Chloride	2.524	62	107544	48.433	ug/l	97
5) Bromomethane	2.948	94	88299	46.690	ug/l	95
6) Chloroethane	3.118	64	79498	47.984	ug/l	95
7) Trichlorofluoromethane	3.506	101	161602	50.161	ug/l	98
8) Diethyl Ether	3.977	74	59819	50.789	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	93142	49.263	ug/l	99
10) Methyl Iodide	4.601	142	152833	49.465	ug/l	99
11) Tert butyl alcohol	5.536	59	63484	196.056	ug/l	99
12) 1,1-Dichloroethene	4.354	96	90525	51.224	ug/l	98
13) Acrolein	4.189	56	105023	281.616	ug/l	99
14) Allyl chloride	5.036	41	103733	47.135	ug/l	98
15) Acrylonitrile	5.730	53	206002	246.298	ug/l	100
16) Acetone	4.442	43	150313	202.785	ug/l	98
17) Carbon Disulfide	4.724	76	229943	49.173	ug/l	99
18) Methyl Acetate	5.042	43	101234	42.502	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	335097	56.369	ug/l	98
20) Methylene Chloride	5.289	84	104312	47.206	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	99271	50.266	ug/l	97
22) Diisopropyl ether	6.683	45	271726	54.266	ug/l	97
23) Vinyl Acetate	6.612	43	975882m	255.585	ug/l	
24) 1,1-Dichloroethane	6.577	63	170168	51.628	ug/l	99
25) 2-Butanone	7.489	43	250360	231.047	ug/l	97
26) 2,2-Dichloropropane	7.500	77	131066	46.624	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	122214	50.974	ug/l	97
28) Bromochloromethane	7.818	49	68014	51.610	ug/l	99
29) Tetrahydrofuran	7.847	42	165908	248.406	ug/l	99
30) Chloroform	7.971	83	191303	52.400	ug/l	97
31) Cyclohexane	8.265	56	153071	47.234	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	175219	52.021	ug/l	99
36) 1,1-Dichloropropene	8.377	75	138932	51.055	ug/l	98
37) Ethyl Acetate	7.565	43	101710	46.553	ug/l	99
38) Carbon Tetrachloride	8.371	117	156493	49.836	ug/l	98
39) Methylcyclohexane	9.606	83	181275	52.534	ug/l	96
40) Benzene	8.612	78	427205	51.155	ug/l	100

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41) Methacrylonitrile	7.789	41	58311	52.050	ug/l	97
42) 1,2-Dichloroethane	8.677	62	142689	51.076	ug/l	99
43) Isopropyl Acetate	8.694	43	179716	49.271	ug/l	99
44) Trichloroethene	9.353	130	116179	49.312	ug/l	93
45) 1,2-Dichloropropane	9.624	63	102102	51.405	ug/l	100
46) Dibromomethane	9.712	93	77179	51.756	ug/l	99
47) Bromodichloromethane	9.888	83	151259	51.734	ug/l	95
48) Methyl methacrylate	9.683	41	85614	50.964	ug/l	99
49) 1,4-Dioxane	9.694	88	35679	873.722	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	561148	249.499	ug/l	100
52) Toluene	10.635	92	288324	52.233	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	153213	53.058	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	164965	51.348	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	111511	51.380	ug/l	95
56) Ethyl methacrylate	10.877	69	155577	52.903	ug/l	99
57) 1,3-Dichloropropane	11.165	76	181973	51.874	ug/l	99
59) 2-Hexanone	11.200	43	403142	246.719	ug/l	99
60) Dibromochloromethane	11.359	129	127648	53.449	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114305	50.269	ug/l	99
64) Tetrachloroethene	11.106	164	100061	44.900	ug/l	97
65) Chlorobenzene	11.894	112	310506	49.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117843	51.453	ug/l	98
67) Ethyl Benzene	11.965	91	559850	52.571	ug/l	97
68) m/p-Xylenes	12.077	106	454053	105.521	ug/l	99
69) o-Xylene	12.400	106	223264	53.469	ug/l	100
70) Styrene	12.412	104	362818	54.176	ug/l	99
71) Bromoform	12.582	173	91224	52.547	ug/l #	97
73) Isopropylbenzene	12.700	105	574711	49.438	ug/l	99
74) N-amyl acetate	12.494	43	166816	49.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	162223	46.455	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139621m	42.942	ug/l	
77) Bromobenzene	12.982	156	141606	48.438	ug/l	98
78) n-propylbenzene	13.035	91	660839	51.229	ug/l	99
79) 2-Chlorotoluene	13.129	91	385465	48.402	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	496098	51.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	42580	43.062	ug/l	98
82) 4-Chlorotoluene	13.129	91	385465	48.402	ug/l	99
83) tert-Butylbenzene	13.441	119	457291	51.885	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	504898	51.688	ug/l	99
85) sec-Butylbenzene	13.618	105	632372	52.191	ug/l	99
86) p-Isopropyltoluene	13.735	119	531699	52.445	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	265976	48.649	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	263992	47.471	ug/l	100
89) n-Butylbenzene	14.059	91	438242	53.933	ug/l	99
90) Hexachloroethane	14.335	117	91079	52.448	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	261741	48.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27513	47.947	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	131703	50.424	ug/l	98
94) Hexachlorobutadiene	15.506	225	73830	49.820	ug/l	100
95) Naphthalene	15.641	128	379152	49.115	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	128046	49.892	ug/l	99

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

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