

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074935.D
 Acq On : 19 Oct 2022 16:56
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Oct 20 05:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	271832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	525583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	468287	72.582	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 145.160%#			
35) Dibromofluoromethane	8.177	113	381532	74.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 148.420%#			
50) Toluene-d8	10.571	98	1620322	77.695	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 155.380%#			
62) 4-Bromofluorobenzene	12.847	95	472115	82.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 165.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	309135	65.734	ug/l	99
3) Chloromethane	2.383	50	417253	58.737	ug/l	99
4) Vinyl Chloride	2.536	62	704836	62.397	ug/l	95
5) Bromomethane	2.930	94	851263	74.653	ug/l	100
6) Chloroethane	3.107	64	597684	53.494	ug/l	97
7) Trichlorofluoromethane	3.501	101	470608	63.422	ug/l	100
8) Diethyl Ether	3.977	74	221310	65.062	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	297336	63.998	ug/l	100
10) Methyl Iodide	4.601	142	434964	70.236	ug/l	98
11) Tert butyl alcohol	5.553	59	528272	347.407	ug/l	98
12) 1,1-Dichloroethene	4.359	96	284073	66.868	ug/l	86
13) Acrolein	4.201	56	363353	326.347	ug/l	98
14) Allyl chloride	5.042	41	563504	68.090	ug/l	98
15) Acrylonitrile	5.742	53	1363150	359.367	ug/l	100
16) Acetone	4.453	43	1089639	332.252	ug/l	97
17) Carbon Disulfide	4.724	76	648085	65.640	ug/l	97
18) Methyl Acetate	5.048	43	771018	66.290	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	1215583	73.286	ug/l	100
20) Methylene Chloride	5.295	84	362751	55.687	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	323361	68.307	ug/l	91
22) Diisopropyl ether	6.689	45	1327757	73.895	ug/l	99
23) Vinyl Acetate	6.624	43	5064029	372.385	ug/l	99
24) 1,1-Dichloroethane	6.583	63	695481	69.897	ug/l	98
25) 2-Butanone	7.494	43	1951902	366.471	ug/l	98
26) 2,2-Dichloropropane	7.500	77	590926	71.403	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	423853	67.787	ug/l	96
28) Bromochloromethane	7.824	49	368127	83.271	ug/l	98
29) Tetrahydrofuran	7.853	42	1282866	373.675	ug/l	99
30) Chloroform	7.977	83	710982	71.437	ug/l	96
31) Cyclohexane	8.259	56	559503	67.679	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	599884	71.195	ug/l	99
36) 1,1-Dichloropropene	8.377	75	489403	69.740	ug/l	99
37) Ethyl Acetate	7.571	43	737149	71.057	ug/l	98
38) Carbon Tetrachloride	8.371	117	487704	70.882	ug/l	99
39) Methylcyclohexane	9.606	83	611629	75.004	ug/l	99
40) Benzene	8.612	78	1586198	70.259	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	390598	71.746	ug/l	97
42) 1,2-Dichloroethane	8.677	62	531727	68.927	ug/l	99
43) Isopropyl Acetate	8.694	43	1169886	74.660	ug/l	100
44) Trichloroethene	9.359	130	364228	69.550	ug/l	90
45) 1,2-Dichloropropane	9.624	63	428580	69.088	ug/l	97
46) Dibromomethane	9.712	93	291631	72.238	ug/l	94
47) Bromodichloromethane	9.894	83	569364	74.801	ug/l	92
48) Methyl methacrylate	9.688	41	514772	75.131	ug/l	100
49) 1,4-Dioxane	9.700	88	226254	1482.198	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	4119746	391.908	ug/l	99
52) Toluene	10.635	92	1018029	72.029	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	649970	80.129	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	674163	75.328	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	419184	71.457	ug/l	98
56) Ethyl methacrylate	10.877	69	719962	79.414	ug/l	100
57) 1,3-Dichloropropane	11.165	76	733561	71.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1613943	422.465	ug/l	100
59) 2-Hexanone	11.200	43	3074025	397.455	ug/l	99
60) Dibromochloromethane	11.365	129	438566	76.373	ug/l	96
61) 1,2-Dibromoethane	11.471	107	422178	72.857	ug/l	98
64) Tetrachloroethene	11.106	164	296847	67.729	ug/l	96
65) Chlorobenzene	11.894	112	1094952	71.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	409929	71.204	ug/l	96
67) Ethyl Benzene	11.965	91	2025146	77.007	ug/l	99
68) m/p-Xylenes	12.071	106	1591903	157.117	ug/l	99
69) o-Xylene	12.400	106	797720	76.615	ug/l	97
70) Styrene	12.412	104	1351506	86.383	ug/l	99
71) Bromoform	12.576	173	330998	83.971	ug/l #	98
73) Isopropylbenzene	12.700	105	2106093	71.302	ug/l	99
74) N-amyl acetate	12.494	43	1082271	73.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	714453	63.013	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	526833m	65.101	ug/l	
77) Bromobenzene	12.982	156	457646	70.876	ug/l	98
78) n-propylbenzene	13.035	91	2463325	74.630	ug/l	99
79) 2-Chlorotoluene	13.129	91	1312557	68.674	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1700213	72.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	256412m	81.067	ug/l	
82) 4-Chlorotoluene	13.129	91	1312557	68.674	ug/l	98
83) tert-Butylbenzene	13.441	119	1523725	72.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1688344	74.978	ug/l	98
85) sec-Butylbenzene	13.618	105	2191451	76.616	ug/l	99
86) p-Isopropyltoluene	13.729	119	1793235	80.946	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	834912	73.485	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	804188	71.715	ug/l	99
89) n-Butylbenzene	14.059	91	1496597	81.559	ug/l	99
90) Hexachloroethane	14.335	117	325217	66.772	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	769758	70.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	118166	60.853	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	384453	72.734	ug/l	97
94) Hexachlorobutadiene	15.500	225	170054	60.489	ug/l	96
95) Naphthalene	15.641	128	1528275	74.087	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	406417	70.364	ug/l	98

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

