

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076563.D
 Acq On : 07 Feb 2023 13:43
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Feb 08 09:02:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	551153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	927266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	849043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	416590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	500932	77.004	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 154.000%#			
35) Dibromofluoromethane	8.177	113	454741	78.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 157.780%#			
50) Toluene-d8	10.571	98	1764287	81.360	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 162.720%#			
62) 4-Bromofluorobenzene	12.853	95	653406	85.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 171.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	486549	84.976	ug/l	95
3) Chloromethane	2.371	50	384387	73.047	ug/l	100
4) Vinyl Chloride	2.530	62	364789	75.497	ug/l	98
5) Bromomethane	2.942	94	237601	66.280	ug/l	99
6) Chloroethane	3.118	64	205722	70.389	ug/l	98
7) Trichlorofluoromethane	3.506	101	687971	72.238	ug/l	98
8) Diethyl Ether	3.971	74	283869	78.715	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	440470	74.657	ug/l	100
10) Methyl Iodide	4.601	142	682219	79.057	ug/l	100
11) Tert butyl alcohol	5.536	59	325698	384.387	ug/l	99
12) 1,1-Dichloroethene	4.348	96	426141	77.315	ug/l	99
13) Acrolein	4.189	56	440667	389.302	ug/l	99
14) Allyl chloride	5.036	41	544673	75.878	ug/l	99
15) Acrylonitrile	5.730	53	959220	377.251	ug/l	99
16) Acetone	4.442	43	727899	339.393	ug/l	96
17) Carbon Disulfide	4.724	76	1124543	78.758	ug/l	100
18) Methyl Acetate	5.036	43	518238	76.370	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	1408179	76.822	ug/l	97
20) Methylene Chloride	5.289	84	473743	71.653	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	452868	75.595	ug/l	99
22) Diisopropyl ether	6.683	45	1252225	76.970	ug/l	98
23) Vinyl Acetate	6.612	43	4080457	399.589	ug/l	99
24) 1,1-Dichloroethane	6.583	63	793305	75.936	ug/l	98
25) 2-Butanone	7.489	43	1146851	372.011	ug/l	98
26) 2,2-Dichloropropane	7.494	77	665451	76.308	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	533045	76.087	ug/l	99
28) Bromochloromethane	7.824	49	339183	81.030	ug/l	99
29) Tetrahydrofuran	7.841	42	747559	377.303	ug/l	100
30) Chloroform	7.971	83	844152	74.486	ug/l	98
31) Cyclohexane	8.259	56	740497	72.020	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	777850	76.597	ug/l	99
36) 1,1-Dichloropropene	8.377	75	633281	76.948	ug/l	100
37) Ethyl Acetate	7.565	43	473065	75.515	ug/l	99
38) Carbon Tetrachloride	8.371	117	677965	76.618	ug/l	99
39) Methylcyclohexane	9.606	83	835997	81.794	ug/l	99
40) Benzene	8.612	78	1916462	76.820	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	266916	76.454	ug/l	99
42) 1,2-Dichloroethane	8.677	62	604799	74.460	ug/l	100
43) Isopropyl Acetate	8.694	43	807284	78.683	ug/l	99
44) Trichloroethene	9.353	130	502581	75.440	ug/l	98
45) 1,2-Dichloropropane	9.624	63	458166	76.465	ug/l	99
46) Dibromomethane	9.712	93	321136	74.297	ug/l	98
47) Bromodichloromethane	9.894	83	672481	77.369	ug/l	100
48) Methyl methacrylate	9.683	41	392986	77.883	ug/l	99
49) 1,4-Dioxane	9.700	88	170548	1580.032	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	2352537	381.514	ug/l	99
52) Toluene	10.635	92	1258556	78.171	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	711737	84.749	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	779880	81.434	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	470600	74.630	ug/l	98
56) Ethyl methacrylate	10.877	69	709444	84.062	ug/l	99
57) 1,3-Dichloropropane	11.165	76	783122	76.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1117377	463.301	ug/l	99
59) 2-Hexanone	11.200	43	1707177	388.340	ug/l	99
60) Dibromochloromethane	11.365	129	523366	78.755	ug/l	100
61) 1,2-Dibromoethane	11.471	107	484773	77.664	ug/l	99
64) Tetrachloroethene	11.106	164	461607	65.292	ug/l	97
65) Chlorobenzene	11.894	112	1319779	75.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	494922	76.117	ug/l	99
67) Ethyl Benzene	11.965	91	2444405	78.337	ug/l	99
68) m/p-Xylenes	12.071	106	1922384	158.124	ug/l	100
69) o-Xylene	12.400	106	944090	79.301	ug/l	100
70) Styrene	12.412	104	1572287	83.037	ug/l	100
71) Bromoform	12.582	173	376698	82.999	ug/l	98
73) Isopropylbenzene	12.700	105	2487034	72.895	ug/l	100
74) N-amyl acetate	12.494	43	734444	77.193	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	670008	71.646	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	577241m	70.028	ug/l	
77) Bromobenzene	12.982	156	564779	71.168	ug/l	99
78) n-propylbenzene	13.035	91	2882866	76.738	ug/l	100
79) 2-Chlorotoluene	13.129	91	1728293	72.220	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	2140054	75.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	205230	81.957	ug/l	91
82) 4-Chlorotoluene	13.129	91	1728293	72.220	ug/l	100
83) tert-Butylbenzene	13.441	119	1860303	73.349	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2139159	75.912	ug/l	100
85) sec-Butylbenzene	13.618	105	2687191	78.570	ug/l	100
86) p-Isopropyltoluene	13.729	119	2270434	81.006	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1080334	73.964	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	1070244	72.134	ug/l	100
89) n-Butylbenzene	14.059	91	1875036	84.484	ug/l	99
90) Hexachloroethane	14.335	117	384654	78.790	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	1061049	73.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	117621	72.673	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	533011	80.777	ug/l	99
94) Hexachlorobutadiene	15.506	225	278385	75.028	ug/l	99
95) Naphthalene	15.641	128	1568521	81.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	506526	80.156	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

