

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077030.D
 Acq On : 17 Mar 2023 11:50
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Mar 18 01:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	395841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	636300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	294321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	443995	70.221	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 140.440%#			
35) Dibromofluoromethane	8.172	113	339388	71.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 142.120%#			
50) Toluene-d8	10.572	98	1301180	73.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 147.780%#			
62) 4-Bromofluorobenzene	12.854	95	488774	78.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 157.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	277482	74.790	ug/l	97
3) Chloromethane	2.372	50	272295	68.274	ug/l	98
4) Vinyl Chloride	2.525	62	303408	70.479	ug/l	100
5) Bromomethane	2.943	94	202311	69.575	ug/l	97
6) Chloroethane	3.125	64	179559	65.917	ug/l	98
7) Trichlorofluoromethane	3.502	101	652541	70.460	ug/l	100
8) Diethyl Ether	3.972	74	263001	75.458	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	360726	68.665	ug/l	99
10) Methyl Iodide	4.601	142	453961	76.722	ug/l	100
11) Tert butyl alcohol	5.537	59	339279	368.240	ug/l	99
12) 1,1-Dichloroethene	4.348	96	347870	72.385	ug/l	93
13) Acrolein	4.190	56	410826	360.506	ug/l	98
14) Allyl chloride	5.031	41	720167	80.245	ug/l	94
15) Acrylonitrile	5.731	53	1128432	364.316	ug/l	99
16) Acetone	4.437	43	962724	341.716	ug/l	100
17) Carbon Disulfide	4.725	76	982248	70.095	ug/l	98
18) Methyl Acetate	5.031	43	764741	71.983	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1296107	75.146	ug/l	97
20) Methylene Chloride	5.290	84	421021	68.857	ug/l	98
21) trans-1,2-Dichloroethene	5.790	96	373952	71.790	ug/l	99
22) Diisopropyl ether	6.684	45	1428892	74.127	ug/l	99
23) Vinyl Acetate	6.613	43	4694096	395.869	ug/l	99
24) 1,1-Dichloroethane	6.578	63	773325	70.108	ug/l	99
25) 2-Butanone	7.489	43	1520868	369.022	ug/l	98
26) 2,2-Dichloropropane	7.495	77	623452	75.118	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	443412	74.325	ug/l	100
28) Bromochloromethane	7.819	49	320402	66.886	ug/l	100
29) Tetrahydrofuran	7.842	42	990906	371.034	ug/l	100
30) Chloroform	7.972	83	750951	70.143	ug/l	99
31) Cyclohexane	8.260	56	714229	69.040	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	659985	72.126	ug/l	97
36) 1,1-Dichloropropene	8.378	75	576950	74.930	ug/l	99
37) Ethyl Acetate	7.566	43	599248	72.738	ug/l	99
38) Carbon Tetrachloride	8.366	117	561426	74.857	ug/l	98
39) Methylcyclohexane	9.607	83	716784	79.530	ug/l	98
40) Benzene	8.613	78	1707528	73.121	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	331164m	77.317	ug/l	
42) 1,2-Dichloroethane	8.678	62	600459	71.158	ug/l	99
43) Isopropyl Acetate	8.695	43	1003840	78.001	ug/l	99
44) Trichloroethene	9.354	130	383431	71.484	ug/l	94
45) 1,2-Dichloropropane	9.625	63	457148	73.708	ug/l	99
46) Dibromomethane	9.713	93	279461	71.445	ug/l	98
47) Bromodichloromethane	9.889	83	594093	72.417	ug/l	99
48) Methyl methacrylate	9.683	41	495019	80.457	ug/l	98
49) 1,4-Dioxane	9.695	88	151968	1446.145	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	3058554	381.639	ug/l	99
52) Toluene	10.630	92	1061633	76.141	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	672472	83.635	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	721491	79.529	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	407588	74.132	ug/l	99
56) Ethyl methacrylate	10.878	69	697997	84.425	ug/l	99
57) 1,3-Dichloropropane	11.166	76	738928	73.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	1429567	405.583	ug/l	100
59) 2-Hexanone	11.201	43	2266016	389.829	ug/l	100
60) Dibromochloromethane	11.360	129	426544	77.232	ug/l	100
61) 1,2-Dibromoethane	11.472	107	409592	75.123	ug/l	99
64) Tetrachloroethene	11.107	164	299113	70.042	ug/l	98
65) Chlorobenzene	11.895	112	1073635	73.333	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	392614	72.474	ug/l	99
67) Ethyl Benzene	11.966	91	2063811	77.608	ug/l	98
68) m/p-Xylenes	12.077	106	1535608	155.704	ug/l	100
69) o-Xylene	12.401	106	759542	77.508	ug/l	100
70) Styrene	12.413	104	1248745	81.849	ug/l	99
71) Bromoform	12.583	173	289798	78.945	ug/l #	99
73) Isopropylbenzene	12.701	105	1985756	75.287	ug/l	100
74) N-amyl acetate	12.495	43	899201	78.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	629552	65.882	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	578915m	76.033	ug/l	
77) Bromobenzene	12.983	156	419447	70.990	ug/l	99
78) n-propylbenzene	13.036	91	2386373	78.374	ug/l	100
79) 2-Chlorotoluene	13.130	91	1434652	73.945	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1699523	77.175	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	208127	75.250	ug/l	91
82) 4-Chlorotoluene	13.224	91	1404827	76.145	ug/l	100
83) tert-Butylbenzene	13.442	119	1423063	76.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1703996	77.539	ug/l	98
85) sec-Butylbenzene	13.618	105	2106023	80.073	ug/l	99
86) p-Isopropyltoluene	13.730	119	1725214	81.681	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	803162	71.922	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	795289	71.581	ug/l	100
89) n-Butylbenzene	14.060	91	1565183	84.471	ug/l	100
90) Hexachloroethane	14.336	117	316161	73.624	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	785132	70.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	129876	73.349	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	425179	84.495	ug/l	100
94) Hexachlorobutadiene	15.507	225	206825	74.633	ug/l	99
95) Naphthalene	15.642	128	1496225	75.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	420797	83.341	ug/l	99

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

