

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077191.D
 Acq On : 24 Mar 2023 22:30
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Mar 27 02:27:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/27/2023
 Supervised By : Mahesh Dadoda 03/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	466593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	817096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	752537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	357279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	519452	71.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 142.400%#			
35) Dibromofluoromethane	8.172	113	391941	70.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 141.380%#			
50) Toluene-d8	10.572	98	1541955	74.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 148.440%#			
62) 4-Bromofluorobenzene	12.848	95	529822	77.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 155.420%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	316796	65.087	ug/l	99
3) Chloromethane	2.372	50	489688	71.716	ug/l	95
4) Vinyl Chloride	2.525	62	559939	72.602	ug/l	98
5) Bromomethane	2.937	94	436073	70.834	ug/l	92
6) Chloroethane	3.119	64	463082	69.256	ug/l	100
7) Trichlorofluoromethane	3.502	101	668224	56.504	ug/l	94
8) Diethyl Ether	3.972	74	447957	115.080	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.378	101	362197	71.557	ug/l	98
10) Methyl Iodide	4.601	142	457534	80.118	ug/l	92
11) Tert butyl alcohol	5.537	59	369130	371.254	ug/l	100
12) 1,1-Dichloroethene	4.349	96	358612	74.487	ug/l	88
13) Acrolein	4.190	56	518493	371.797	ug/l	98
14) Allyl chloride	5.037	41	638483	70.590	ug/l #	84
15) Acrylonitrile	5.731	53	1135340	366.274	ug/l	99
16) Acetone	4.437	43	968594	357.073	ug/l	90
17) Carbon Disulfide	4.725	76	1018006	75.567	ug/l	97
18) Methyl Acetate	5.031	43	784229	72.264	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	1288599	75.296	ug/l	96
20) Methylene Chloride	5.290	84	430482	71.266	ug/l #	76
21) trans-1,2-Dichloroethene	5.796	96	386625	73.178	ug/l #	80
22) Diisopropyl ether	6.684	45	1443741	74.053	ug/l #	90
23) Vinyl Acetate	6.613	43	4898382	389.369	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	787298	72.232	ug/l	97
25) 2-Butanone	7.490	43	1581755	372.933	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	556205	73.998	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	452610	74.266	ug/l	84
28) Bromochloromethane	7.819	49	387781	69.768	ug/l #	72
29) Tetrahydrofuran	7.842	42	1044646	371.797	ug/l #	74
30) Chloroform	7.972	83	780737	72.725	ug/l	99
31) Cyclohexane	8.260	56	716354	70.684	ug/l	83
32) 1,1,1-Trichloroethane	8.172	97	686499	74.484	ug/l	94
36) 1,1-Dichloropropene	8.378	75	584772	75.782	ug/l	96
37) Ethyl Acetate	7.566	43	631407	73.409	ug/l #	91
38) Carbon Tetrachloride	8.366	117	587206	75.052	ug/l	97
39) Methylcyclohexane	9.601	83	705218	78.248	ug/l #	83
40) Benzene	8.613	78	1749909	73.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	340710	72.475	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	640881	71.874	ug/l	95
43) Isopropyl Acetate	8.695	43	1063233	76.622	ug/l #	85
44) Trichloroethene	9.354	130	408988	75.481	ug/l	100
45) 1,2-Dichloropropane	9.625	63	458550	72.907	ug/l	99
46) Dibromomethane	9.713	93	301366	73.312	ug/l	98
47) Bromodichloromethane	9.889	83	615746	75.315	ug/l	98
48) Methyl methacrylate	9.684	41	512915	76.758	ug/l #	77
49) 1,4-Dioxane	9.701	88	170938	1500.550	ug/l #	87
51) 4-Methyl-2-Pentanone	10.448	43	3288803	376.685	ug/l #	86
52) Toluene	10.631	92	1091776	75.699	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	661809	79.772	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	709789	78.177	ug/l #	83
55) 1,1,2-Trichloroethane	11.019	97	419052	74.015	ug/l	94
56) Ethyl methacrylate	10.878	69	680656	81.440	ug/l #	68
57) 1,3-Dichloropropane	11.166	76	750430	74.349	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	1281259	392.993	ug/l	90
59) 2-Hexanone	11.201	43	2397962	382.165	ug/l	83
60) Dibromochloromethane	11.360	129	452428	77.787	ug/l	98
61) 1,2-Dibromoethane	11.472	107	431967	76.771	ug/l	99
64) Tetrachloroethene	11.107	164	349785	74.930	ug/l	97
65) Chlorobenzene	11.895	112	1132857	74.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	412387	74.449	ug/l	99
67) Ethyl Benzene	11.966	91	2120407	76.874	ug/l	98
68) m/p-Xylenes	12.072	106	1628546	155.228	ug/l	94
69) o-Xylene	12.401	106	795742	78.325	ug/l	90
70) Styrene	12.413	104	1317466	80.282	ug/l	95
71) Bromoform	12.577	173	324436	79.074	ug/l #	99
73) Isopropylbenzene	12.695	105	2101086	74.743	ug/l	98
74) N-amyl acetate	12.495	43	920881	75.178	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	636336	67.771	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	561630m	72.766	ug/l	
77) Bromobenzene	12.983	156	475744	73.514	ug/l	95
78) n-propylbenzene	13.036	91	2467851	76.124	ug/l	97
79) 2-Chlorotoluene	13.130	91	1461535	73.313	ug/l	95
80) 1,3,5-Trimethylbenzene	13.172	105	1777593	75.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	200277	79.643	ug/l #	75
82) 4-Chlorotoluene	13.224	91	1434648	75.817	ug/l	95
83) tert-Butylbenzene	13.442	119	1506584	76.094	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	1768770	76.887	ug/l	97
85) sec-Butylbenzene	13.619	105	2191408	77.602	ug/l	98
86) p-Isopropyltoluene	13.730	119	1782327	78.806	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	872990	74.740	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	854358	73.132	ug/l	99
89) n-Butylbenzene	14.060	91	1569096	84.625	ug/l	97
90) Hexachloroethane	14.336	117	318744	75.627	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	858535	73.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	124804	75.116	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	428670	73.324	ug/l	98
94) Hexachlorobutadiene	15.507	225	217419	73.569	ug/l	99
95) Naphthalene	15.642	128	1439951	72.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	422747	73.272	ug/l	98

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

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