

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077094.D
 Acq On : 21 Mar 2023 16:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2023
 Supervised By : Mahesh Dadoda 03/22/2023

Quant Time: Mar 21 23:19:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	381542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	692285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	624521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	288514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	316533	51.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.880%			
35) Dibromofluoromethane	8.172	113	231741	47.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	10.572	98	872774	50.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.854	95	321904	52.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	136179	37.484	ug/l	99
3) Chloromethane	2.372	50	122441	31.851	ug/l	96
4) Vinyl Chloride	2.525	62	155206	37.404	ug/l	94
5) Bromomethane	2.949	94	122246	43.616	ug/l	99
6) Chloroethane	3.119	64	133840	50.975	ug/l	100
7) Trichlorofluoromethane	3.507	101	395359	44.290	ug/l	98
8) Diethyl Ether	3.972	74	159612	47.511	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	215785	42.615	ug/l	99
10) Methyl Iodide	4.601	142	256026	44.891	ug/l	99
11) Tert butyl alcohol	5.537	59	224648	252.962	ug/l	99
12) 1,1-Dichloroethene	4.354	96	205013	44.258	ug/l	92
13) Acrolein	4.190	56	265467	241.681	ug/l	100
14) Allyl chloride	5.031	41	386441	45.570	ug/l	100
15) Acrylonitrile	5.731	53	718185	240.557	ug/l	98
16) Acetone	4.437	43	633134	233.151	ug/l	100
17) Carbon Disulfide	4.725	76	558283	41.333	ug/l	98
18) Methyl Acetate	5.037	43	497576	48.591	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	800862	48.172	ug/l	100
20) Methylene Chloride	5.290	84	263794	44.760	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	228519	45.515	ug/l	97
22) Diisopropyl ether	6.684	45	920693	49.553	ug/l	99
23) Vinyl Acetate	6.613	43	2925724	249.535	ug/l	100
24) 1,1-Dichloroethane	6.578	63	488268	45.924	ug/l	100
25) 2-Butanone	7.489	43	979431	246.555	ug/l	99
26) 2,2-Dichloropropane	7.495	77	368414	46.053	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	275835	47.969	ug/l	100
28) Bromochloromethane	7.819	49	226496	49.055	ug/l	98
29) Tetrahydrofuran	7.842	42	652753	253.576	ug/l	99
30) Chloroform	7.972	83	479423	46.459	ug/l	96
31) Cyclohexane	8.266	56	417822	41.902	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	401654	45.540	ug/l	98
36) 1,1-Dichloropropene	8.378	75	345417	45.615	ug/l	99
37) Ethyl Acetate	7.566	43	391720	48.349	ug/l	100
38) Carbon Tetrachloride	8.366	117	338021	45.828	ug/l	98
39) Methylcyclohexane	9.607	83	410791	46.347	ug/l	98
40) Benzene	8.613	78	1043891	45.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	223613	51.233	ug/l	100
42) 1,2-Dichloroethane	8.678	62	389710	46.961	ug/l	99
43) Isopropyl Acetate	8.695	43	650668	51.410	ug/l	98
44) Trichloroethene	9.360	130	225281	42.707	ug/l	97
45) 1,2-Dichloropropane	9.625	63	285849	46.865	ug/l	97
46) Dibromomethane	9.713	93	178542	46.413	ug/l	100
47) Bromodichloromethane	9.895	83	376282	46.639	ug/l	98
48) Methyl methacrylate	9.683	41	314044	51.902	ug/l	99
49) 1,4-Dioxane	9.701	88	106557	1031.085	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	2015285	255.697	ug/l	100
52) Toluene	10.630	92	639981	46.673	ug/l	97
53) t-1,3-Dichloropropene	10.836	75	401721	50.803	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	443618	49.723	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	259522	47.996	ug/l	98
56) Ethyl methacrylate	10.877	69	419825	51.634	ug/l	97
57) 1,3-Dichloropropane	11.166	76	466249	47.098	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	821226	236.914	ug/l	99
59) 2-Hexanone	11.201	43	1465618	256.380	ug/l	98
60) Dibromochloromethane	11.360	129	262063	48.249	ug/l	99
61) 1,2-Dibromoethane	11.471	107	253813	47.336	ug/l	98
64) Tetrachloroethene	11.107	164	179103	42.731	ug/l	97
65) Chlorobenzene	11.895	112	651738	45.356	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	240313	45.197	ug/l	99
67) Ethyl Benzene	11.966	91	1248796	47.846	ug/l	99
68) m/p-Xylenes	12.077	106	917516	94.787	ug/l	99
69) o-Xylene	12.401	106	458973	47.720	ug/l	99
70) Styrene	12.413	104	761412	50.848	ug/l	99
71) Bromoform	12.577	173	174724	48.495	ug/l #	98
73) Isopropylbenzene	12.701	105	1202027	46.490	ug/l	99
74) N-amyl acetate	12.495	43	562894	50.297	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	399420	42.640	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	370927m	49.703	ug/l	
77) Bromobenzene	12.983	156	256029	44.204	ug/l	100
78) n-propylbenzene	13.042	91	1437501	48.161	ug/l	100
79) 2-Chlorotoluene	13.130	91	866072	45.538	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1027138	47.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	142574	52.587	ug/l	97
82) 4-Chlorotoluene	13.224	91	853629	47.200	ug/l	99
83) tert-Butylbenzene	13.442	119	842786	46.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1022498	47.465	ug/l	99
85) sec-Butylbenzene	13.618	105	1260394	48.886	ug/l	99
86) p-Isopropyltoluene	13.730	119	1024894	49.501	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	482322	44.060	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	473830	43.505	ug/l	99
89) n-Butylbenzene	14.060	91	914234	50.333	ug/l	100
90) Hexachloroethane	14.336	117	184563	43.844	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	479361	43.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	80684	46.484	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	240796	48.816	ug/l	99
94) Hexachlorobutadiene	15.507	225	117311	43.184	ug/l	98
95) Naphthalene	15.642	128	842428	44.179	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	239839	48.457	ug/l	99

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

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