

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077119.D
 Acq On : 22 Mar 2023 20:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 22 23:30:10 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	8.231	168	513314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	890845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	199173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	91031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	418265	51.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.020%			
35) Dibromofluoromethane	8.172	113	328891	52.718	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	10.572	98	590411	26.493	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 52.980%#			
62) 4-Bromofluorobenzene	12.854	95	90011	11.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 22.860%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	110252	22.074	ug/l	97
3) Chloromethane	2.372	50	82174	15.889	ug/l	97
4) Vinyl Chloride	2.525	62	146005	26.154	ug/l	98
5) Bromomethane	2.949	94	123185	32.668	ug/l	99
6) Chloroethane	3.125	64	191138	54.110	ug/l	96
7) Trichlorofluoromethane	3.507	101	544441	45.334	ug/l	99
8) Diethyl Ether	3.972	74	264838	58.596	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	309520	45.434	ug/l	97
10) Methyl Iodide	4.601	142	421192	54.893	ug/l	98
11) Tert butyl alcohol	5.531	59	345649	289.299	ug/l	98
12) 1,1-Dichloroethene	4.354	96	302259	48.501	ug/l	98
13) Acrolein	4.190	56	421066	284.933	ug/l	98
14) Allyl chloride	5.037	41	525639	46.072	ug/l	97
15) Acrylonitrile	5.731	53	1099358	273.703	ug/l	99
16) Acetone	4.437	43	863934	236.473	ug/l	98
17) Carbon Disulfide	4.725	76	763862	42.035	ug/l	96
18) Methyl Acetate	5.037	43	731640	53.107	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	1240641	55.469	ug/l	100
20) Methylene Chloride	5.290	84	416803	52.567	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	325768	48.228	ug/l	97
22) Diisopropyl ether	6.684	45	1304174	52.173	ug/l	99
23) Vinyl Acetate	6.613	43	4140672	262.499	ug/l	98
24) 1,1-Dichloroethane	6.578	63	696965	48.725	ug/l	98
25) 2-Butanone	7.489	43	1363191	255.068	ug/l	97
26) 2,2-Dichloropropane	7.495	77	441241	40.997	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	408451	52.797	ug/l	94
28) Bromochloromethane	7.819	49	299703	48.247	ug/l	92
29) Tetrahydrofuran	7.842	42	919579	265.527	ug/l	95
30) Chloroform	7.972	83	688619	49.601	ug/l	100
31) Cyclohexane	8.266	56	527738	39.339	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	535778	45.153	ug/l	98
36) 1,1-Dichloropropene	8.378	75	458521	47.055	ug/l	98
37) Ethyl Acetate	7.566	43	553378	53.078	ug/l	98
38) Carbon Tetrachloride	8.366	117	441669	46.534	ug/l	97
39) Methylcyclohexane	9.607	83	501893	44.004	ug/l	98
40) Benzene	8.613	78	1482480	50.165	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	314363	55.971	ug/l	96
42) 1,2-Dichloroethane	8.678	62	544953	51.031	ug/l	99
43) Isopropyl Acetate	8.695	43	873012	53.603	ug/l	97
44) Trichloroethene	9.354	130	314031	46.262	ug/l	99
45) 1,2-Dichloropropane	9.625	63	384516	48.990	ug/l	99
46) Dibromomethane	9.713	93	241195	48.725	ug/l	94
47) Bromodichloromethane	9.889	83	465369	44.825	ug/l	99
48) Methyl methacrylate	9.683	41	401290	51.539	ug/l	96
49) 1,4-Dioxane	9.695	88	148951	1120.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1493499	147.257	ug/l	96
52) Toluene	10.630	92	405622	22.988	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	141958	13.951	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	465386	40.536	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	95036	13.659	ug/l	96
56) Ethyl methacrylate	10.878	69	151494	14.479	ug/l #	94
57) 1,3-Dichloropropane	11.166	76	170304	13.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	933148	209.200	ug/l	100
59) 2-Hexanone	11.201	43	530765	72.152	ug/l	98
60) Dibromochloromethane	11.360	129	95992	13.734	ug/l	99
61) 1,2-Dibromoethane	11.472	107	91180	13.215	ug/l	100
64) Tetrachloroethene	11.107	164	61722	46.174	ug/l	98
65) Chlorobenzene	11.895	112	233466	50.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	83955	49.510	ug/l	96
67) Ethyl Benzene	11.966	91	419997	50.456	ug/l	100
68) m/p-Xylenes	12.077	106	319661	103.548	ug/l	93
69) o-Xylene	12.401	106	159345	51.948	ug/l	96
70) Styrene	12.413	104	264485	55.383	ug/l	96
71) Bromoform	12.583	173	62825	54.676	ug/l #	99
73) Isopropylbenzene	12.701	105	391197	47.953	ug/l	99
74) N-amyl acetate	12.501	43	194284	55.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	144966	49.049	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	110527m	46.940	ug/l	
77) Bromobenzene	12.983	156	86173	47.154	ug/l	96
78) n-propylbenzene	13.042	91	460060	48.852	ug/l	100
79) 2-Chlorotoluene	13.130	91	272980	45.491	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	327505	48.084	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	47095	55.054	ug/l	94
82) 4-Chlorotoluene	13.224	91	263108	46.109	ug/l	96
83) tert-Butylbenzene	13.442	119	273654	47.853	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	340549	50.103	ug/l	99
85) sec-Butylbenzene	13.618	105	407371	50.078	ug/l	99
86) p-Isopropyltoluene	13.730	119	337286	51.631	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	167033	48.361	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	163814	47.670	ug/l	97
89) n-Butylbenzene	14.060	91	290149	50.628	ug/l	97
90) Hexachloroethane	14.336	117	58678	44.179	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	166242	48.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	24478	44.696	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	78441	50.401	ug/l	97
94) Hexachlorobutadiene	15.501	225	37427	43.666	ug/l	98
95) Naphthalene	15.642	128	279268	46.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	79746	51.065	ug/l	98

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

