

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076554.D
 Acq On : 06 Feb 2023 20:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 15:28:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 15:24:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	611686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1026806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	921556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	448828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	369751	50.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.177	113	330669	52.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.571	98	1281376	53.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.853	95	459674	54.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	334061	51.958	ug/l	98
3) Chloromethane	2.371	50	294983	47.448	ug/l	98
4) Vinyl Chloride	2.530	62	259681	50.508	ug/l	99
5) Bromomethane	2.953	94	164384	41.852	ug/l	95
6) Chloroethane	3.124	64	137718	42.879	ug/l	100
7) Trichlorofluoromethane	3.506	101	450604	40.284	ug/l	97
8) Diethyl Ether	3.977	74	200295	49.241	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	307201	47.113	ug/l	99
10) Methyl Iodide	4.600	142	476390	49.559	ug/l	100
11) Tert butyl alcohol	5.536	59	215859	217.809	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	299535	48.377	ug/l	95
13) Acrolein	4.189	56	299166	221.676	ug/l	99
14) Allyl chloride	5.036	41	417921	51.618	ug/l	98
15) Acrylonitrile	5.736	53	666540	231.204	ug/l	99
16) Acetone	4.442	43	485471	190.598	ug/l	100
17) Carbon Disulfide	4.724	76	791783	50.321	ug/l	100
18) Methyl Acetate	5.036	43	362568	46.581	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	1000825	49.746	ug/l	99
20) Methylene Chloride	5.289	84	334917	45.499	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	321196	49.239	ug/l	95
22) Diisopropyl ether	6.683	45	890501	49.371	ug/l	98
23) Vinyl Acetate	6.612	43	2901621	249.612	ug/l	100
24) 1,1-Dichloroethane	6.583	63	560847	48.981	ug/l	98
25) 2-Butanone	7.494	43	796067	221.120	ug/l	96
26) 2,2-Dichloropropane	7.494	77	451737	46.812	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	374957	49.095	ug/l	100
28) Bromochloromethane	7.824	49	198019	41.766	ug/l	98
29) Tetrahydrofuran	7.841	42	536230	234.068	ug/l	99
30) Chloroform	7.971	83	601599	47.858	ug/l	98
31) Cyclohexane	8.265	56	522259	45.863	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	556470	49.655	ug/l	95
36) 1,1-Dichloropropene	8.377	75	442284	48.713	ug/l	99
37) Ethyl Acetate	7.565	43	340358	46.998	ug/l	99
38) Carbon Tetrachloride	8.371	117	486584	49.187	ug/l	100
39) Methylcyclohexane	9.606	83	569348	51.695	ug/l	99
40) Benzene	8.612	78	1344115	48.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	187731	48.540	ug/l	100
42) 1,2-Dichloroethane	8.677	62	435589	47.421	ug/l	99
43) Isopropyl Acetate	8.694	43	581799	49.400	ug/l	100
44) Trichloroethene	9.359	130	360621	48.799	ug/l	97
45) 1,2-Dichloropropane	9.624	63	319387	47.628	ug/l	99
46) Dibromomethane	9.712	93	226560	47.112	ug/l	99
47) Bromodichloromethane	9.894	83	476169	49.479	ug/l	99
48) Methyl methacrylate	9.682	41	281036	49.957	ug/l	99
49) 1,4-Dioxane	9.700	88	114284	862.410	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	1675083	237.319	ug/l	100
52) Toluene	10.635	92	886176	50.233	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	489428	52.543	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	539298	51.316	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	333014	48.227	ug/l	97
56) Ethyl methacrylate	10.876	69	498811	53.818	ug/l	99
57) 1,3-Dichloropropane	11.165	76	555941	48.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	752334	269.994	ug/l	100
59) 2-Hexanone	11.200	43	1195447	233.118	ug/l	100
60) Dibromochloromethane	11.359	129	370123	50.442	ug/l	99
61) 1,2-Dibromoethane	11.471	107	339967	49.286	ug/l	98
64) Tetrachloroethene	11.106	164	367287	47.213	ug/l	96
65) Chlorobenzene	11.894	112	927087	48.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	346693	49.640	ug/l	99
67) Ethyl Benzene	11.965	91	1699474	50.659	ug/l	99
68) m/p-Xylenes	12.070	106	1335659	102.662	ug/l	100
69) o-Xylene	12.400	106	656124	51.314	ug/l	98
70) Styrene	12.412	104	1085915	53.400	ug/l	99
71) Bromoform	12.582	173	259520	52.072	ug/l #	100
73) Isopropylbenzene	12.700	105	1726684	48.264	ug/l	99
74) N-amyl acetate	12.494	43	500725	48.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	448758	43.280	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	355109m	38.790	ug/l	
77) Bromobenzene	12.982	156	390472	46.389	ug/l	99
78) n-propylbenzene	13.041	91	1985577	49.881	ug/l	100
79) 2-Chlorotoluene	13.129	91	1192595	47.195	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1489537	49.115	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	140965	51.276	ug/l	97
82) 4-Chlorotoluene	13.129	91	1192595	47.195	ug/l	100
83) tert-Butylbenzene	13.441	119	1326837	49.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1495459	49.707	ug/l	100
85) sec-Butylbenzene	13.617	105	1826533	50.245	ug/l	100
86) p-Isopropyltoluene	13.729	119	1549418	52.340	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	749945	48.097	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	736555	46.830	ug/l	100
89) n-Butylbenzene	14.059	91	1256211	53.491	ug/l	99
90) Hexachloroethane	14.335	117	257770	50.997	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	740564	48.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	85261	47.705	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	356364	52.849	ug/l	99
94) Hexachlorobutadiene	15.506	225	191159	49.375	ug/l	99
95) Naphthalene	15.641	128	1070825	53.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	348464	53.754	ug/l	99

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

