

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076488.D
 Acq On : 01 Feb 2023 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 01 23:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	417556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	251290	53.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.500%			
35) Dibromofluoromethane	8.171	113	218913	50.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	10.571	98	792730	49.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.847	95	307233	59.190	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	193169	45.144	ug/l	97
3) Chloromethane	2.377	50	239258	54.005	ug/l	98
4) Vinyl Chloride	2.530	62	291783	53.712	ug/l	99
5) Bromomethane	2.954	94	183841	41.325	ug/l	95
6) Chloroethane	3.124	64	177096	43.476	ug/l	98
7) Trichlorofluoromethane	3.506	101	375112	50.191	ug/l	98
8) Diethyl Ether	3.971	74	130949	52.239	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	209006	49.401	ug/l	98
10) Methyl Iodide	4.601	142	319512	49.441	ug/l	97
11) Tert butyl alcohol	5.530	59	157311	251.556	ug/l	100
12) 1,1-Dichloroethene	4.353	96	191815	47.961	ug/l	88
13) Acrolein	4.189	56	171312	229.069	ug/l	99
14) Allyl chloride	5.042	41	236533	50.750	ug/l	98
15) Acrylonitrile	5.730	53	430094	241.686	ug/l	99
16) Acetone	4.442	43	347942	232.148	ug/l	100
17) Carbon Disulfide	4.724	76	401855	40.354	ug/l	99
18) Methyl Acetate	5.036	43	251231	49.462	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	698446	53.643	ug/l	98
20) Methylene Chloride	5.289	84	223716	50.450	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	206134	47.576	ug/l	98
22) Diisopropyl ether	6.683	45	604350	54.985	ug/l	100
23) Vinyl Acetate	6.612	43	1892919	266.477	ug/l	99
24) 1,1-Dichloroethane	6.577	63	378316	51.637	ug/l	99
25) 2-Butanone	7.489	43	541006	236.344	ug/l	98
26) 2,2-Dichloropropane	7.500	77	293366	47.510	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	258067	51.068	ug/l	99
28) Bromochloromethane	7.818	49	153266	51.612	ug/l	100
29) Tetrahydrofuran	7.841	42	351866	249.061	ug/l	98
30) Chloroform	7.971	83	435232	53.688	ug/l	99
31) Cyclohexane	8.259	56	305138	42.486	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	399445	53.969	ug/l	96
36) 1,1-Dichloropropene	8.377	75	296032	48.389	ug/l	99
37) Ethyl Acetate	7.565	43	220321	44.903	ug/l	99
38) Carbon Tetrachloride	8.365	117	349832	51.278	ug/l	97
39) Methylcyclohexane	9.606	83	357364	47.835	ug/l	96
40) Benzene	8.612	78	901278	49.269	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	130398	50.753	ug/l	98
42) 1,2-Dichloroethane	8.677	62	329773	52.689	ug/l	99
43) Isopropyl Acetate	8.694	43	406724	50.951	ug/l	99
44) Trichloroethene	9.353	130	244418	47.241	ug/l	98
45) 1,2-Dichloropropane	9.624	63	222877	50.888	ug/l	95
46) Dibromomethane	9.712	93	164023	49.603	ug/l	99
47) Bromodichloromethane	9.888	83	349813	54.543	ug/l	99
48) Methyl methacrylate	9.683	41	197844	52.352	ug/l	95
49) 1,4-Dioxane	9.700	88	74907	939.370	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1198274	255.707	ug/l	100
52) Toluene	10.635	92	613729	50.169	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	338462	55.360	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	366810	52.150	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	243295	52.031	ug/l	99
56) Ethyl methacrylate	10.877	69	343456	56.894	ug/l	97
57) 1,3-Dichloropropane	11.165	76	390885	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	492768	241.795	ug/l	99
59) 2-Hexanone	11.194	43	851282	250.684	ug/l	99
60) Dibromochloromethane	11.359	129	281970	57.284	ug/l	100
61) 1,2-Dibromoethane	11.471	107	245452	52.589	ug/l	99
64) Tetrachloroethene	11.106	164	239311	42.205	ug/l	97
65) Chlorobenzene	11.894	112	670170	50.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	265671	53.724	ug/l	99
67) Ethyl Benzene	11.965	91	1211623	53.264	ug/l	99
68) m/p-Xylenes	12.071	106	957372	104.959	ug/l	98
69) o-Xylene	12.400	106	479555	53.536	ug/l	96
70) Styrene	12.412	104	797728	55.775	ug/l	98
71) Bromoform	12.582	173	201414	56.399	ug/l #	100
73) Isopropylbenzene	12.700	105	1278853	51.022	ug/l	99
74) N-amyl acetate	12.494	43	367103	50.917	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	345647	47.971	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	300682m	50.960	ug/l	
77) Bromobenzene	12.982	156	293675	50.117	ug/l	98
78) n-propylbenzene	13.041	91	1468101	51.911	ug/l	99
79) 2-Chlorotoluene	13.129	91	881485	50.793	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1125701	53.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	92659	47.583	ug/l	95
82) 4-Chlorotoluene	13.129	91	881485	50.793	ug/l	99
83) tert-Butylbenzene	13.441	119	980243	52.487	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1128453	53.594	ug/l	98
85) sec-Butylbenzene	13.618	105	1404368	54.192	ug/l	100
86) p-Isopropyltoluene	13.729	119	1196863	56.165	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	577769	48.907	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	566878	50.442	ug/l	99
89) n-Butylbenzene	14.059	91	924727	54.665	ug/l	100
90) Hexachloroethane	14.335	117	199546	54.255	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	563616	47.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59604	47.588	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	259724	45.794	ug/l	99
94) Hexachlorobutadiene	15.506	225	136185	43.615	ug/l	98
95) Naphthalene	15.641	128	740178	44.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	249972	46.214	ug/l	98

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

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