

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076544.D
 Acq On : 06 Feb 2023 15:53
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020623

Quant Time: Feb 07 15:25:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	554315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	923122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	850356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	411299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	325742	49.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.700%		
35) Dibromofluoromethane	8.171	113	288496	50.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.000%		
50) Toluene-d8	10.571	98	1098646	50.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	409857	54.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	328033	56.301	ug/l	99
3) Chloromethane	2.371	50	285543	50.683	ug/l	98
4) Vinyl Chloride	2.530	62	231197	49.622	ug/l	98
5) Bromomethane	2.948	94	163308	45.882	ug/l	93
6) Chloroethane	3.124	64	142952	49.115	ug/l	98
7) Trichlorofluoromethane	3.506	101	489099	48.251	ug/l	98
8) Diethyl Ether	3.971	74	196446	53.293	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	299929	50.758	ug/l	99
10) Methyl Iodide	4.600	142	448043	51.434	ug/l	99
11) Tert butyl alcohol	5.536	59	225688	251.296	ug/l	99
12) 1,1-Dichloroethene	4.353	96	285220	50.832	ug/l	98
13) Acrolein	4.189	56	299107	244.571	ug/l	100
14) Allyl chloride	5.036	41	400178	54.542	ug/l	100
15) Acrylonitrile	5.730	53	653402	250.105	ug/l	98
16) Acetone	4.442	43	563626	244.184	ug/l	98
17) Carbon Disulfide	4.724	76	733624	51.450	ug/l	100
18) Methyl Acetate	5.036	43	356359	50.522	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	959544	52.631	ug/l	100
20) Methylene Chloride	5.289	84	321391	48.180	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	302697	51.206	ug/l	98
22) Diisopropyl ether	6.683	45	860342	52.635	ug/l	97
23) Vinyl Acetate	6.612	43	2770793	263.028	ug/l	98
24) 1,1-Dichloroethane	6.577	63	530402	51.116	ug/l	98
25) 2-Butanone	7.488	43	808137	247.706	ug/l	98
26) 2,2-Dichloropropane	7.500	77	451768	51.661	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	358013	51.729	ug/l	98
28) Bromochloromethane	7.824	49	205602	47.853	ug/l	99
29) Tetrahydrofuran	7.841	42	518477	249.743	ug/l	99
30) Chloroform	7.971	83	575568	50.526	ug/l	100
31) Cyclohexane	8.265	56	489419	47.427	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	520214	51.224	ug/l	97
36) 1,1-Dichloropropene	8.377	75	426225	52.218	ug/l	99
37) Ethyl Acetate	7.571	43	323916	49.751	ug/l	99
38) Carbon Tetrachloride	8.365	117	455513	51.218	ug/l	100
39) Methylcyclohexane	9.606	83	564507	57.013	ug/l	98
40) Benzene	8.612	78	1282680	51.618	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	181266	52.133	ug/l	100
42) 1,2-Dichloroethane	8.677	62	418794	50.713	ug/l	100
43) Isopropyl Acetate	8.694	43	551948	52.129	ug/l	99
44) Trichloroethene	9.353	130	339105	51.041	ug/l	100
45) 1,2-Dichloropropane	9.624	63	308520	51.175	ug/l	100
46) Dibromomethane	9.712	93	220811	51.074	ug/l	100
47) Bromodichloromethane	9.894	83	451878	52.229	ug/l	100
48) Methyl methacrylate	9.682	41	269185	53.225	ug/l	98
49) 1,4-Dioxane	9.700	88	123345	1035.332	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	1625137	256.104	ug/l	99
52) Toluene	10.629	92	842237	53.105	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	478513	57.142	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	524987	55.565	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	323860	52.169	ug/l	98
56) Ethyl methacrylate	10.876	69	480885	57.711	ug/l	99
57) 1,3-Dichloropropane	11.165	76	538693	52.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	654042	261.083	ug/l	99
59) 2-Hexanone	11.200	43	1200608	260.421	ug/l	99
60) Dibromochloromethane	11.359	129	357721	54.227	ug/l	100
61) 1,2-Dibromoethane	11.471	107	332014	53.539	ug/l	98
64) Tetrachloroethene	11.106	164	327041	45.560	ug/l	94
65) Chlorobenzene	11.894	112	889999	50.611	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	334128	51.847	ug/l	99
67) Ethyl Benzene	11.965	91	1635385	52.830	ug/l	99
68) m/p-Xylenes	12.070	106	1296454	107.992	ug/l	100
69) o-Xylene	12.400	106	635732	53.883	ug/l	99
70) Styrene	12.412	104	1057729	56.369	ug/l	100
71) Bromoform	12.582	173	249665	54.289	ug/l #	99
73) Isopropylbenzene	12.700	105	1666997	50.848	ug/l	99
74) N-amyl acetate	12.494	43	492044	51.491	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	447219	47.067	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	340850m	40.630	ug/l	
77) Bromobenzene	12.982	156	377615	48.955	ug/l	99
78) n-propylbenzene	13.041	91	1937264	53.108	ug/l	100
79) 2-Chlorotoluene	13.129	91	1147410	49.550	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1430616	51.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	136706	54.264	ug/l	98
82) 4-Chlorotoluene	13.129	91	1147410	49.550	ug/l	100
83) tert-Butylbenzene	13.441	119	1224514	49.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1442309	52.315	ug/l	100
85) sec-Butylbenzene	13.617	105	1778481	53.387	ug/l	100
86) p-Isopropyltoluene	13.729	119	1504706	55.467	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	725551	50.778	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	718282	49.836	ug/l	100
89) n-Butylbenzene	14.059	91	1246848	57.937	ug/l	99
90) Hexachloroethane	14.335	117	247617	53.458	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	705022	50.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	76983	47.004	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	354317	57.340	ug/l	100
94) Hexachlorobutadiene	15.506	225	185209	52.203	ug/l	99
95) Naphthalene	15.641	128	1025121	56.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	332185	55.919	ug/l	99

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

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