

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076268.D
 Acq On : 16 Jan 2023 14:40
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN011623

Quant Time: Jan 17 04:00:28 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	330380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190314	51.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.171	113	165743	50.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	10.571	98	629527	51.808	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.853	95	222484	56.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	168263	49.700	ug/l	97
3) Chloromethane	2.371	50	161239	45.998	ug/l	97
4) Vinyl Chloride	2.530	62	196496	45.716	ug/l	99
5) Bromomethane	2.959	94	166938	47.427	ug/l	98
6) Chloroethane	3.130	64	144083	44.705	ug/l	99
7) Trichlorofluoromethane	3.512	101	274807	46.473	ug/l	97
8) Diethyl Ether	3.977	74	100800	50.822	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	157511	47.053	ug/l	99
10) Methyl Iodide	4.600	142	248280	48.556	ug/l	99
11) Tert butyl alcohol	5.536	59	117992	238.467	ug/l	100
12) 1,1-Dichloroethene	4.348	96	149593	47.273	ug/l	97
13) Acrolein	4.189	56	152382	257.521	ug/l	99
14) Allyl chloride	5.036	41	173173	46.960	ug/l	99
15) Acrylonitrile	5.730	53	344565	244.715	ug/l	98
16) Acetone	4.436	43	340539	287.178	ug/l	100
17) Carbon Disulfide	4.724	76	374327	47.508	ug/l	100
18) Methyl Acetate	5.036	43	185916	46.261	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	516800	50.165	ug/l	99
20) Methylene Chloride	5.289	84	169755	48.357	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	161324	47.058	ug/l	91
22) Diisopropyl ether	6.683	45	425712	48.952	ug/l	97
23) Vinyl Acetate	6.612	43	1474391	262.326	ug/l	99
24) 1,1-Dichloroethane	6.577	63	276409	47.683	ug/l	97
25) 2-Butanone	7.489	43	457894	252.818	ug/l	98
26) 2,2-Dichloropropane	7.494	77	245071	50.161	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	192526	48.151	ug/l	99
28) Bromochloromethane	7.818	49	116053	49.393	ug/l	100
29) Tetrahydrofuran	7.841	42	281046	251.424	ug/l	99
30) Chloroform	7.971	83	311047	48.493	ug/l	98
31) Cyclohexane	8.265	56	245609	43.221	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	278895	47.624	ug/l	97
36) 1,1-Dichloropropene	8.377	75	225813	48.299	ug/l	99
37) Ethyl Acetate	7.565	43	177468	47.326	ug/l	99
38) Carbon Tetrachloride	8.371	117	252564	48.442	ug/l	98
39) Methylcyclohexane	9.606	83	292316	51.199	ug/l	98
40) Benzene	8.612	78	676159	48.366	ug/l	99

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41) Methacrylonitrile	7.789	41	98214	50.020	ug/l	98
42) 1,2-Dichloroethane	8.677	62	235177	49.167	ug/l	100
43) Isopropyl Acetate	8.694	43	311804	51.110	ug/l	99
44) Trichloroethene	9.353	130	183273	46.351	ug/l	98
45) 1,2-Dichloropropane	9.624	63	161230	48.170	ug/l	98
46) Dibromomethane	9.712	93	125294	49.580	ug/l	99
47) Bromodichloromethane	9.888	83	244611	49.907	ug/l	99
48) Methyl methacrylate	9.682	41	144096	49.893	ug/l	100
49) 1,4-Dioxane	9.694	88	63029	1034.263	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	912472	254.790	ug/l	100
52) Toluene	10.630	92	445177	47.618	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	255385	54.658	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	277331	51.592	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	178657	49.995	ug/l	98
56) Ethyl methacrylate	10.877	69	251482	54.510	ug/l	99
57) 1,3-Dichloropropane	11.165	76	289318	49.820	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	405571	260.404	ug/l	99
59) 2-Hexanone	11.194	43	688480	265.290	ug/l	100
60) Dibromochloromethane	11.359	129	199929	53.148	ug/l	99
61) 1,2-Dibromoethane	11.471	107	182514	51.168	ug/l	100
64) Tetrachloroethene	11.106	164	177815	40.888	ug/l	96
65) Chlorobenzene	11.894	112	482822	47.364	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	185295	48.855	ug/l	99
67) Ethyl Benzene	11.965	91	873391	50.061	ug/l	100
68) m/p-Xylenes	12.071	106	700187	100.087	ug/l	99
69) o-Xylene	12.400	106	340902	49.621	ug/l	98
70) Styrene	12.412	104	566288	51.624	ug/l	99
71) Bromoform	12.582	173	145509	53.125	ug/l #	99
73) Isopropylbenzene	12.700	105	892024	47.936	ug/l	100
74) N-amyl acetate	12.494	43	278102	51.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	248908	46.529	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	184406m	41.928	ug/l	
77) Bromobenzene	12.982	156	211874	48.685	ug/l	98
78) n-propylbenzene	13.035	91	1030613	49.084	ug/l	100
79) 2-Chlorotoluene	13.129	91	603698	46.855	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	767925	49.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75825	52.447	ug/l	98
82) 4-Chlorotoluene	13.129	91	603698	46.855	ug/l	100
83) tert-Butylbenzene	13.441	119	677671	48.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	769939	49.254	ug/l	100
85) sec-Butylbenzene	13.618	105	953364	49.552	ug/l	99
86) p-Isopropyltoluene	13.729	119	821383	51.917	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	410189	46.768	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	406201	48.688	ug/l	99
89) n-Butylbenzene	14.059	91	675183	53.760	ug/l	100
90) Hexachloroethane	14.335	117	139536	51.101	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	401752	45.990	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45454	48.881	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	196649	46.676	ug/l	98
94) Hexachlorobutadiene	15.506	225	101628	43.839	ug/l	95
95) Naphthalene	15.641	128	593905	47.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	192542	47.903	ug/l	99

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

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