

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076560.D
 Acq On : 07 Feb 2023 12:31
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 08 08:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	553718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	929701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	828261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	352180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	63896	9.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.560%#		
35) Dibromofluoromethane	8.177	113	56684	9.808	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.620%#		
50) Toluene-d8	10.571	98	207771	9.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.120%#		
62) 4-Bromofluorobenzene	12.853	95	71425	9.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67301	11.700	ug/l	99
3) Chloromethane	2.377	50	58530	11.071	ug/l	96
4) Vinyl Chloride	2.530	62	52249	10.763	ug/l	99
5) Bromomethane	2.977	94	40250	11.176	ug/l	99
6) Chloroethane	3.142	64	30109	10.254	ug/l	93
7) Trichlorofluoromethane	3.518	101	101065	10.563	ug/l	100
8) Diethyl Ether	3.977	74	38176	10.537	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	61775	10.422	ug/l	99
10) Methyl Iodide	4.606	142	91559	10.561	ug/l	99
11) Tert butyl alcohol	5.536	59	43414	51.000	ug/l	100
12) 1,1-Dichloroethene	4.359	96	61696	11.142	ug/l	91
13) Acrolein	4.200	56	53625	47.155	ug/l	99
14) Allyl chloride	5.036	41	79052	10.962	ug/l	94
15) Acrylonitrile	5.736	53	131685	51.550	ug/l	99
16) Acetone	4.447	43	112464	52.195	ug/l	99
17) Carbon Disulfide	4.730	76	150118	10.465	ug/l	100
18) Methyl Acetate	5.047	43	72962	10.702	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	190716	10.356	ug/l	97
20) Methylene Chloride	5.294	84	68046	10.244	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	63021	10.471	ug/l	93
22) Diisopropyl ether	6.689	45	174544	10.679	ug/l #	95
23) Vinyl Acetate	6.618	43	517402m	50.433	ug/l	
24) 1,1-Dichloroethane	6.583	63	110993	10.575	ug/l	99
25) 2-Butanone	7.494	43	157978	51.007	ug/l	97
26) 2,2-Dichloropropane	7.500	77	91807	10.479	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	74775	10.624	ug/l	100
28) Bromochloromethane	7.818	49	41290	9.818	ug/l	97
29) Tetrahydrofuran	7.847	42	104423	52.460	ug/l	99
30) Chloroform	7.971	83	121097	10.636	ug/l	91
31) Cyclohexane	8.259	56	109071	10.559	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	106337	10.423	ug/l	96
36) 1,1-Dichloropropene	8.383	75	84772	10.273	ug/l	99
37) Ethyl Acetate	7.571	43	68045	10.833	ug/l	99
38) Carbon Tetrachloride	8.365	117	94179	10.615	ug/l	98
39) Methylcyclohexane	9.606	83	106232	10.367	ug/l	95
40) Benzene	8.612	78	268087	10.718	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	37352	10.671	ug/l	98
42) 1,2-Dichloroethane	8.677	62	85187	10.460	ug/l	99
43) Isopropyl Acetate	8.694	43	108789	10.575	ug/l	98
44) Trichloroethene	9.359	130	70836	10.605	ug/l	97
45) 1,2-Dichloropropane	9.624	63	63238	10.526	ug/l	95
46) Dibromomethane	9.718	93	45016	10.388	ug/l	97
47) Bromodichloromethane	9.894	83	92239	10.584	ug/l #	96
48) Methyl methacrylate	9.682	41	50602	10.002	ug/l	98
49) 1,4-Dioxane	9.700	88	21475	198.433	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	327036	52.897	ug/l	98
52) Toluene	10.629	92	171033	10.595	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	85642	10.171	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	99865	10.400	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	66542	10.525	ug/l	99
56) Ethyl methacrylate	10.876	69	86607	10.235	ug/l	98
57) 1,3-Dichloropropane	11.165	76	107886	10.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	115204	47.642	ug/l	99
59) 2-Hexanone	11.200	43	230279	52.246	ug/l	97
60) Dibromochloromethane	11.359	129	69767	10.471	ug/l	100
61) 1,2-Dibromoethane	11.471	107	64982	10.383	ug/l	99
64) Tetrachloroethene	11.106	164	72877	10.567	ug/l	97
65) Chlorobenzene	11.894	112	181678	10.607	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	67370	10.621	ug/l	97
67) Ethyl Benzene	11.965	91	316846	10.409	ug/l	100
68) m/p-Xylenes	12.070	106	250228	21.099	ug/l	99
69) o-Xylene	12.400	106	123621	10.644	ug/l	100
70) Styrene	12.412	104	194435	10.526	ug/l	99
71) Bromoform	12.582	173	45551	10.288	ug/l #	99
73) Isopropylbenzene	12.700	105	313546	10.871	ug/l	99
74) N-amyl acetate	12.494	43	84382	10.491	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	87306	11.043	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67551m	9.694	ug/l	
77) Bromobenzene	12.982	156	71706	10.688	ug/l	100
78) n-propylbenzene	13.041	91	345315	10.873	ug/l	100
79) 2-Chlorotoluene	13.129	91	219408	10.845	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	266207	11.121	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21891	10.341	ug/l	97
82) 4-Chlorotoluene	13.129	91	219408	10.845	ug/l	100
83) tert-Butylbenzene	13.441	119	237932	11.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	261544	10.979	ug/l	100
85) sec-Butylbenzene	13.617	105	315275	10.904	ug/l	100
86) p-Isopropyltoluene	13.735	119	254556	10.743	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	127668	10.339	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	125870	10.035	ug/l	97
89) n-Butylbenzene	14.059	91	187727	10.005	ug/l	99
90) Hexachloroethane	14.335	117	43010	10.421	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	127124	10.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13336	9.747	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	52048	9.330	ug/l	99
94) Hexachlorobutadiene	15.506	225	32876	10.481	ug/l	98
95) Naphthalene	15.641	128	145144	8.944	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49712	9.305	ug/l	96

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

