

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076500.D
 Acq On : 01 Feb 2023 16:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 01 23:53:39 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 :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	485896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	778168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	736715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	448640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	276755	50.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.740%			
35) Dibromofluoromethane	8.171	113	241894	49.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.380%			
50) Toluene-d8	10.571	98	903211	50.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.853	95	351697	59.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	223258	44.838	ug/l	96
3) Chloromethane	2.371	50	286217	55.518	ug/l	98
4) Vinyl Chloride	2.530	62	291308	46.082	ug/l	99
5) Bromomethane	2.953	94	196380	37.935	ug/l	98
6) Chloroethane	3.124	64	196960	41.552	ug/l	94
7) Trichlorofluoromethane	3.506	101	517657	59.523	ug/l	99
8) Diethyl Ether	3.971	74	163479	56.043	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	239168	48.579	ug/l	97
10) Methyl Iodide	4.600	142	347893	46.261	ug/l	96
11) Tert butyl alcohol	5.536	59	172069	236.456	ug/l	100
12) 1,1-Dichloroethene	4.353	96	213600	45.896	ug/l	94
13) Acrolein	4.189	56	193089	221.874	ug/l	100
14) Allyl chloride	5.036	41	266559	49.149	ug/l	98
15) Acrylonitrile	5.730	53	466633	225.338	ug/l	99
16) Acetone	4.436	43	437271	250.720	ug/l	100
17) Carbon Disulfide	4.724	76	431650	37.249	ug/l	98
18) Methyl Acetate	5.036	43	275800	46.662	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	785875	51.869	ug/l	99
20) Methylene Chloride	5.289	84	247028	47.841	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	226755	44.974	ug/l	96
22) Diisopropyl ether	6.683	45	686255	53.655	ug/l	99
23) Vinyl Acetate	6.612	43	2118771	256.320	ug/l	100
24) 1,1-Dichloroethane	6.583	63	418631	49.103	ug/l	99
25) 2-Butanone	7.488	43	616515	231.450	ug/l	96
26) 2,2-Dichloropropane	7.494	77	373834	52.026	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	287113	48.825	ug/l	98
28) Bromochloromethane	7.818	49	178875	51.764	ug/l	99
29) Tetrahydrofuran	7.841	42	383303	233.153	ug/l	98
30) Chloroform	7.971	83	486168	51.536	ug/l	98
31) Cyclohexane	8.265	56	347106	41.532	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	443061	51.443	ug/l	97
36) 1,1-Dichloropropene	8.377	75	339051	49.017	ug/l	99
37) Ethyl Acetate	7.565	43	246997	44.524	ug/l	99
38) Carbon Tetrachloride	8.365	117	384368	49.830	ug/l	95
39) Methylcyclohexane	9.606	83	409180	48.442	ug/l	99
40) Benzene	8.612	78	1007593	48.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	147908	50.916	ug/l	97
42) 1,2-Dichloroethane	8.677	62	367907	51.989	ug/l	98
43) Isopropyl Acetate	8.694	43	454790	50.389	ug/l	100
44) Trichloroethene	9.353	130	278683	47.640	ug/l	100
45) 1,2-Dichloropropane	9.624	63	245519	49.581	ug/l	99
46) Dibromomethane	9.712	93	181954	48.667	ug/l	99
47) Bromodichloromethane	9.888	83	389713	53.743	ug/l	99
48) Methyl methacrylate	9.682	41	212508	49.734	ug/l	96
49) 1,4-Dioxane	9.694	88	84578	938.090	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1377360	259.960	ug/l	100
52) Toluene	10.629	92	714325	51.645	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	395951	57.279	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	424584	53.388	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	273807	51.790	ug/l	98
56) Ethyl methacrylate	10.877	69	395002	57.872	ug/l	96
57) 1,3-Dichloropropane	11.165	76	444203	51.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	632257	274.392	ug/l	100
59) 2-Hexanone	11.194	43	978040	254.732	ug/l	99
60) Dibromochloromethane	11.359	129	313509	56.332	ug/l	100
61) 1,2-Dibromoethane	11.471	107	275031	52.118	ug/l	100
64) Tetrachloroethene	11.106	164	288727	43.458	ug/l	98
65) Chlorobenzene	11.894	112	770326	49.465	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	299594	51.706	ug/l	99
67) Ethyl Benzene	11.965	91	1411322	52.951	ug/l	100
68) m/p-Xylenes	12.071	106	1121134	104.901	ug/l	98
69) o-Xylene	12.400	106	553044	52.693	ug/l	96
70) Styrene	12.412	104	925673	55.236	ug/l	98
71) Bromoform	12.582	173	219912	52.555	ug/l #	100
73) Isopropylbenzene	12.694	105	1486777	42.838	ug/l	100
74) N-amyl acetate	12.494	43	416851	41.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	383088	38.396	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	384828m	47.028	ug/l	
77) Bromobenzene	12.982	156	339452	41.741	ug/l	98
78) n-propylbenzene	13.035	91	1707736	43.608	ug/l	99
79) 2-Chlorotoluene	13.129	91	1012725	42.143	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1475090	50.732	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	109587	40.642	ug/l	97
82) 4-Chlorotoluene	13.129	91	1012725	42.143	ug/l	99
83) tert-Butylbenzene	13.441	119	1306655	50.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1544192	52.964	ug/l	98
85) sec-Butylbenzene	13.618	105	1942177	54.124	ug/l	99
86) p-Isopropyltoluene	13.729	119	1641083	55.616	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	796831	48.711	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	784970	50.443	ug/l	99
89) n-Butylbenzene	14.059	91	1354569	57.828	ug/l	97
90) Hexachloroethane	14.335	117	257408	50.543	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	773301	47.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	75257	43.393	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	389709	49.514	ug/l	99
94) Hexachlorobutadiene	15.506	225	205792	47.597	ug/l	98
95) Naphthalene	15.641	128	1114586	47.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	383325	51.056	ug/l	98

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

