

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075342.D
 Acq On : 21 Nov 2022 13:28
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 22 04:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	173162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	270003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	251971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82033	38.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.580%		
35) Dibromofluoromethane	8.171	113	103186	68.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	136.380%#		
50) Toluene-d8	10.570	98	239336	43.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.100%		
62) 4-Bromofluorobenzene	12.847	95	184136	87.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	175.080%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	107912	51.266	ug/l	98
3) Chloromethane	2.365	50	120777	53.306	ug/l	96
4) Vinyl Chloride	2.524	62	164131	51.515	ug/l	96
5) Bromomethane	2.918	94	124209	54.079	ug/l	95
6) Chloroethane	3.094	64	122805	53.325	ug/l	95
7) Trichlorofluoromethane	3.494	101	230716	67.868	ug/l	97
8) Diethyl Ether	3.965	74	85815	69.046	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	135007	71.702	ug/l	92
10) Methyl Iodide	4.588	142	225169	78.865	ug/l	94
11) Tert butyl alcohol	5.541	59	151992	291.780	ug/l	100
12) 1,1-Dichloroethene	4.341	96	129737	72.019	ug/l	92
13) Acrolein	4.183	56	155138	362.067	ug/l	100
14) Allyl chloride	5.030	41	175960	69.036	ug/l	95
15) Acrylonitrile	5.730	53	356052	320.655	ug/l	98
16) Acetone	4.435	43	291587	300.821	ug/l	94
17) Carbon Disulfide	4.718	76	342322	75.438	ug/l	100
18) Methyl Acetate	5.035	43	181639	59.004	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	455023	68.757	ug/l	100
20) Methylene Chloride	5.282	84	147127	68.352	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	146128	73.797	ug/l	91
22) Diisopropyl ether	6.682	45	387030	67.573	ug/l	98
23) Vinyl Acetate	6.612	43	1611661m	338.642	ug/l	
24) 1,1-Dichloroethane	6.577	63	244023	66.996	ug/l	98
25) 2-Butanone	7.488	43	464511	310.168	ug/l	97
26) 2,2-Dichloropropane	7.494	77	225700	67.425	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	170022	72.029	ug/l	94
28) Bromochloromethane	7.818	49	113844	75.125	ug/l	84
29) Tetrahydrofuran	7.841	42	299529	311.614	ug/l	98
30) Chloroform	7.971	83	271122	68.585	ug/l	99
31) Cyclohexane	8.259	56	220365	65.398	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	254259	70.644	ug/l	93
36) 1,1-Dichloropropene	8.371	75	200404	82.215	ug/l	97
37) Ethyl Acetate	7.565	43	177791	67.439	ug/l	98
38) Carbon Tetrachloride	8.365	117	230908	85.984	ug/l	99
39) Methylcyclohexane	9.600	83	261163	81.669	ug/l	96
40) Benzene	8.606	78	606659	81.310	ug/l	97

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41) Methacrylonitrile	7.782	41	91821	73.377	ug/l	94
42) 1,2-Dichloroethane	8.671	62	197398	73.726	ug/l	96
43) Isopropyl Acetate	8.694	43	298179	73.462	ug/l	96
44) Trichloroethene	9.353	130	169665	89.125	ug/l	96
45) 1,2-Dichloropropane	9.623	63	141619	80.033	ug/l	100
46) Dibromomethane	9.712	93	110006	79.633	ug/l	90
47) Bromodichloromethane	9.888	83	216707	81.020	ug/l	94
48) Methyl methacrylate	9.682	41	136719	72.948	ug/l	96
49) 1,4-Dioxane	9.700	88	78541	1570.856	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	962668	367.910	ug/l	97
52) Toluene	10.629	92	412111	83.336	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	239628	85.464	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	254904	85.398	ug/l	94
55) 1,1,2-Trichloroethane	11.017	97	158955	81.004	ug/l	98
56) Ethyl methacrylate	10.876	69	239727	80.645	ug/l	97
57) 1,3-Dichloropropane	11.164	76	259346	79.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	536998	472.789	ug/l	97
59) 2-Hexanone	11.194	43	734885	369.768	ug/l	97
60) Dibromochloromethane	11.359	129	185400	88.590	ug/l	100
61) 1,2-Dibromoethane	11.470	107	173045	85.689	ug/l	99
64) Tetrachloroethene	11.106	164	151391	94.363	ug/l	93
65) Chlorobenzene	11.894	112	441948	82.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	169010	84.634	ug/l	98
67) Ethyl Benzene	11.964	91	799321	83.269	ug/l	97
68) m/p-Xylenes	12.070	106	646758	168.755	ug/l	100
69) o-Xylene	12.400	106	316765	83.456	ug/l	99
70) Styrene	12.411	104	530844	87.421	ug/l	98
71) Bromoform	12.582	173	145867	96.426	ug/l #	99
73) Isopropylbenzene	12.694	105	829094	77.939	ug/l	99
74) N-amyl acetate	12.494	43	284466	73.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	246109	82.880	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	206746m	74.670	ug/l	
77) Bromobenzene	12.982	156	200285	83.850	ug/l	87
78) n-propylbenzene	13.035	91	952141	79.601	ug/l	99
79) 2-Chlorotoluene	13.129	91	556197	76.483	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	714584	79.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	92871	86.108	ug/l	86
82) 4-Chlorotoluene	13.129	91	556197	76.483	ug/l	97
83) tert-Butylbenzene	13.441	119	633298	79.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	723300	80.136	ug/l	99
85) sec-Butylbenzene	13.617	105	902328	81.174	ug/l	100
86) p-Isopropyltoluene	13.729	119	780379	84.829	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	396437	85.445	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	392988	85.526	ug/l	98
89) n-Butylbenzene	14.058	91	669397	90.059	ug/l	99
90) Hexachloroethane	14.335	117	136466	81.245	ug/l	83
91) 1,2-Dichlorobenzene	14.105	146	393066	85.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52399	74.016	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	230744	111.720	ug/l	99
94) Hexachlorobutadiene	15.499	225	111686	108.659	ug/l	100
95) Naphthalene	15.641	128	730336	95.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	221294	108.537	ug/l	99

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

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