

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072587.D
 Acq On : 24 May 2022 14:40
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 24 14:59:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 14:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	146473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	222213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	211066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	92911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	169132	77.568	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 155.140%#	
35) Dibromofluoromethane	8.016	113	151385	101.920	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 203.840%#	
50) Toluene-d8	10.439	98	598104	106.027	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 212.060%#	
62) 4-Bromofluorobenzene	12.727	95	204259	98.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 196.040%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.063	85	128570	77.398	ug/l	99
3) Chloromethane	2.293	50	157113	99.373	ug/l	99
4) Vinyl Chloride	2.434	62	134489	104.008	ug/l	99
5) Bromomethane	2.810	94	79203	70.164	ug/l	97
6) Chloroethane	2.975	64	80383	57.601	ug/l	98
7) Trichlorofluoromethane	3.351	101	227887	79.776	ug/l	96
8) Diethyl Ether	3.816	74	93059	105.412	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.198	101	134114	95.901	ug/l	97
10) Methyl Iodide	4.410	142	190101	106.885	ug/l	98
11) Tert butyl alcohol	5.369	59	166290	725.689	ug/l	98
12) 1,1-Dichloroethene	4.169	96	129699	104.832	ug/l	97
13) Acrolein	4.028	56	98279	355.295	ug/l	98
14) Allyl chloride	4.828	41	248620	118.560	ug/l	90
15) Acrylonitrile	5.545	53	525252	621.807	ug/l	98
16) Acetone	4.275	43	389769	540.935	ug/l	97
17) Carbon Disulfide	4.516	76	338301	106.383	ug/l	100
18) Methyl Acetate	4.840	43	224418	102.781	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	479748	97.167	ug/l	99
20) Methylene Chloride	5.087	84	164892	98.350	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	142888	104.842	ug/l	99
22) Diisopropyl ether	6.487	45	522831	112.906	ug/l	93
23) Vinyl Acetate	6.422	43	2298010	576.035	ug/l	96
24) 1,1-Dichloroethane	6.381	63	273218	98.693	ug/l	99
25) 2-Butanone	7.328	43	695946	607.630	ug/l	96
26) 2,2-Dichloropropane	7.316	77	213702	85.389	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	175536	103.205	ug/l	97
28) Bromochloromethane	7.645	49	116914	104.308	ug/l	94
29) Tetrahydrofuran	7.675	42	457749	660.764	ug/l	93
30) Chloroform	7.810	83	279834	89.350	ug/l	100
31) Cyclohexane	8.092	56	254154	98.097	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	248095	87.341	ug/l	96
36) 1,1-Dichloropropene	8.216	75	212202	102.975	ug/l	100
37) Ethyl Acetate	7.404	43	279434	118.855	ug/l	98
38) Carbon Tetrachloride	8.198	117	219190	87.245	ug/l	99
39) Methylcyclohexane	9.457	83	270629	110.189	ug/l	99
40) Benzene	8.451	78	665090	108.593	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	137645	120.616	ug/l	91
42) 1,2-Dichloroethane	8.522	62	210746	77.200	ug/l	99
43) Isopropyl Acetate	8.557	43	417841	112.956	ug/l	97
44) Trichloroethene	9.210	130	172949	103.666	ug/l	95
45) 1,2-Dichloropropane	9.486	63	174212	113.909	ug/l	98
46) Dibromomethane	9.569	93	116795	103.119	ug/l	99
47) Bromodichloromethane	9.757	83	231512	99.657	ug/l	97
48) Methyl methacrylate	9.557	41	202686	114.807	ug/l	94
49) 1,4-Dioxane	9.563	88	79619	4151.996	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	1390407	571.640	ug/l	98
52) Toluene	10.498	92	436456	111.258	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	266717	107.702	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	283330	113.830	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	178872	104.968	ug/l	97
56) Ethyl methacrylate	10.757	69	300114	117.996	ug/l	96
57) 1,3-Dichloropropane	11.039	76	302383	105.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	647155	918.417	ug/l	97
59) 2-Hexanone	11.080	43	984267	580.769	ug/l	97
60) Dibromochloromethane	11.233	129	197924	102.669	ug/l	100
61) 1,2-Dibromoethane	11.339	107	191468	108.547	ug/l	100
64) Tetrachloroethene	10.974	164	162574	107.866	ug/l	97
65) Chlorobenzene	11.763	112	469088	106.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	182833	103.528	ug/l	98
67) Ethyl Benzene	11.839	91	856173	112.184	ug/l	99
68) m/p-Xylenes	11.945	106	657842	224.916	ug/l	100
69) o-Xylene	12.274	106	326429	109.821	ug/l	97
70) Styrene	12.286	104	536704	117.250	ug/l	98
71) Bromoform	12.451	173	156371	113.629	ug/l #	99
73) Isopropylbenzene	12.574	105	837167	107.553	ug/l	100
74) N-amyl acetate	12.380	43	322684	120.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	256675	104.993	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	228006m	83.545	ug/l	
77) Bromobenzene	12.857	156	204078	101.363	ug/l	98
78) n-propylbenzene	12.916	91	976493	114.486	ug/l	99
79) 2-Chlorotoluene	13.004	91	558141	99.374	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	670765	101.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	90830	126.926	ug/l	93
82) 4-Chlorotoluene	13.098	91	541508	103.182	ug/l	99
83) tert-Butylbenzene	13.315	119	622204	107.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	659561	102.408	ug/l	100
85) sec-Butylbenzene	13.498	105	867044	115.140	ug/l	99
86) p-Isopropyltoluene	13.610	119	708264	115.116	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	350601	106.468	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	344903	108.028	ug/l	98
89) n-Butylbenzene	13.939	91	583485	125.049	ug/l	99
90) Hexachloroethane	14.204	117	125136	113.791	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	336735	102.980	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	52883	108.310	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	201622	138.127	ug/l	100
94) Hexachlorobutadiene	15.362	225	97210	107.190	ug/l	99
95) Naphthalene	15.498	128	689253	158.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	206050	136.242	ug/l	98

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

