

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073623.D
 Acq On : 28 Jul 2022 13:47
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 29 01:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	428273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	686940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	662359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	337059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	501872	96.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 192.320%#			
35) Dibromofluoromethane	7.951	113	432287	100.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.440%#			
50) Toluene-d8	10.380	98	1776003	104.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 209.260%#			
62) 4-Bromofluorobenzene	12.674	95	604054	115.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 230.160%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	372204	91.033	ug/l	98
3) Chloromethane	2.263	50	483589	80.879	ug/l	98
4) Vinyl Chloride	2.404	62	610397	84.640	ug/l	99
5) Bromomethane	2.775	94	187158	44.419	ug/l	100
6) Chloroethane	2.934	64	409845	81.057	ug/l	100
7) Trichlorofluoromethane	3.293	101	785030	105.302	ug/l	100
8) Diethyl Ether	3.757	74	255307	93.383	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.128	101	370156	87.127	ug/l	99
10) Methyl Iodide	4.346	142	473545	112.446	ug/l	99
11) Tert butyl alcohol	5.298	59	545811	484.908	ug/l	100
12) 1,1-Dichloroethene	4.104	96	371324	93.177	ug/l	96
13) Acrolein	3.975	56	532039	476.777	ug/l	99
14) Allyl chloride	4.757	41	605142	91.762	ug/l	99
15) Acrylonitrile	5.475	53	1462485	474.679	ug/l	100
16) Acetone	4.222	43	1175810	420.617	ug/l	99
17) Carbon Disulfide	4.451	76	993830	90.916	ug/l	100
18) Methyl Acetate	4.775	43	616991	88.751	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	1363844	99.957	ug/l	97
20) Methylene Chloride	5.010	84	443702	79.800	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	416713	94.448	ug/l	97
22) Diisopropyl ether	6.410	45	1341205	98.088	ug/l	98
23) Vinyl Acetate	6.345	43	5983800	515.893	ug/l	99
24) 1,1-Dichloroethane	6.304	63	766137	90.650	ug/l	98
25) 2-Butanone	7.257	43	2018292	460.963	ug/l	100
26) 2,2-Dichloropropane	7.245	77	623551	91.504	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	504366	93.497	ug/l	96
28) Bromochloromethane	7.586	49	344301	96.628	ug/l	99
29) Tetrahydrofuran	7.610	42	1313009	474.491	ug/l	99
30) Chloroform	7.745	83	811841	90.744	ug/l	99
31) Cyclohexane	8.022	56	679875	87.497	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	701500	94.473	ug/l	98
36) 1,1-Dichloropropene	8.151	75	595012	96.738	ug/l	100
37) Ethyl Acetate	7.339	43	764788	98.559	ug/l	98
38) Carbon Tetrachloride	8.133	117	599616	97.275	ug/l	98
39) Methylcyclohexane	9.392	83	762649	105.310	ug/l	98
40) Benzene	8.392	78	1886723	95.291	ug/l	99

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41) Methacrylonitrile	7.569	41	375613m	103.100	ug/l	
42) 1,2-Dichloroethane	8.463	62	616319	91.095	ug/l	99
43) Isopropyl Acetate	8.492	43	1116677	102.739	ug/l	100
44) Trichloroethene	9.151	130	489635	98.113	ug/l	100
45) 1,2-Dichloropropane	9.428	63	467316	94.332	ug/l	97
46) Dibromomethane	9.516	93	331829	96.114	ug/l	100
47) Bromodichloromethane	9.698	83	640642	97.391	ug/l	99
48) Methyl methacrylate	9.498	41	498720	106.272	ug/l	90
49) 1,4-Dioxane	9.504	88	273315	2109.252	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	3978031	515.960	ug/l	100
52) Toluene	10.445	92	1238679	102.950	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	714304	109.254	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	777919	106.116	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	497392	96.932	ug/l	99
56) Ethyl methacrylate	10.704	69	812378	116.585	ug/l	98
57) 1,3-Dichloropropane	10.986	76	830650	97.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1767466	555.001	ug/l	99
59) 2-Hexanone	11.027	43	3129056	531.943	ug/l	100
60) Dibromochloromethane	11.180	129	535431	104.836	ug/l	99
61) 1,2-Dibromoethane	11.286	107	527027	101.361	ug/l	99
64) Tetrachloroethene	10.916	164	475989	90.773	ug/l	97
65) Chlorobenzene	11.710	112	1334028	94.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	503250	100.896	ug/l	98
67) Ethyl Benzene	11.786	91	2412654	102.837	ug/l	99
68) m/p-Xylenes	11.892	106	1865330	207.297	ug/l	100
69) o-Xylene	12.221	106	932148	106.751	ug/l	99
70) Styrene	12.233	104	1569565	112.353	ug/l	98
71) Bromoform	12.398	173	445627	110.038	ug/l #	99
73) Isopropylbenzene	12.521	105	2410096	97.305	ug/l	100
74) N-amyl acetate	12.333	43	944714	101.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	789626	82.729	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	594319m	74.415	ug/l	
77) Bromobenzene	12.798	156	607864	94.990	ug/l	97
78) n-propylbenzene	12.863	91	2775100	100.991	ug/l	100
79) 2-Chlorotoluene	12.951	91	1633223	95.131	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	2012873	99.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	272257	104.678	ug/l	95
82) 4-Chlorotoluene	13.045	91	1595219	97.027	ug/l	98
83) tert-Butylbenzene	13.263	119	1776249	99.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	2007890	101.506	ug/l	100
85) sec-Butylbenzene	13.439	105	2549701	103.940	ug/l	99
86) p-Isopropyltoluene	13.557	119	2166167	111.734	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	1108922	96.332	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	1083138	92.222	ug/l	98
89) n-Butylbenzene	13.880	91	1772382	111.462	ug/l	100
90) Hexachloroethane	14.151	117	377713	94.967	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	1094986	92.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	186573	99.195	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	664213	113.250	ug/l	99
94) Hexachlorobutadiene	15.298	225	316760	99.156	ug/l	98
95) Naphthalene	15.433	128	2210720	115.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	664977	108.354	ug/l	99

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

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