

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073894.D
 Acq On : 15 Aug 2022 14:23
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081522

Quant Time: Aug 15 23:56:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	662835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	954063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	864283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	450223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	338411	52.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	7.945	113	305348	54.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.240%			
50) Toluene-d8	10.380	98	1175539	53.796	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.600%			
62) 4-Bromofluorobenzene	12.669	95	412538	56.884	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	239478	45.565	ug/l	97
3) Chloromethane	2.269	50	245135	41.943	ug/l	98
4) Vinyl Chloride	2.405	62	324127	43.200	ug/l	97
5) Bromomethane	2.787	94	210814	44.994	ug/l	95
6) Chloroethane	2.957	64	220599	41.618	ug/l	97
7) Trichlorofluoromethane	3.310	101	426278	44.043	ug/l	99
8) Diethyl Ether	3.763	74	157062	43.715	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.134	101	250815	44.609	ug/l	92
10) Methyl Iodide	4.346	142	308875	45.759	ug/l	98
11) Tert butyl alcohol	5.287	59	333106	230.666	ug/l	100
12) 1,1-Dichloroethene	4.110	96	232215	44.389	ug/l	89
13) Acrolein	3.975	56	221148	218.783	ug/l	97
14) Allyl chloride	4.757	41	335833	43.347	ug/l	96
15) Acrylonitrile	5.469	53	785527	222.803	ug/l	98
16) Acetone	4.216	43	623910	204.839	ug/l	99
17) Carbon Disulfide	4.457	76	551761	44.358	ug/l	100
18) Methyl Acetate	4.769	43	355315	46.497	ug/l	96
19) Methyl tert-butyl Ether	5.528	73	837982	44.477	ug/l	96
20) Methylene Chloride	5.010	84	263087	40.933	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	245944	42.673	ug/l	92
22) Diisopropyl ether	6.404	45	724133	44.082	ug/l	97
23) Vinyl Acetate	6.345	43	3195740	227.017	ug/l	98
24) 1,1-Dichloroethane	6.298	63	440920	43.121	ug/l	97
25) 2-Butanone	7.251	43	1050515	217.520	ug/l	98
26) 2,2-Dichloropropane	7.245	77	421367	43.862	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	305775	43.001	ug/l	93
28) Bromochloromethane	7.581	49	186421	49.432	ug/l #	82
29) Tetrahydrofuran	7.604	42	682534	220.312	ug/l	95
30) Chloroform	7.739	83	489970	42.853	ug/l	98
31) Cyclohexane	8.022	56	385430	42.826	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	446265	44.013	ug/l	97
36) 1,1-Dichloropropene	8.145	75	353820	45.148	ug/l	97
37) Ethyl Acetate	7.334	43	416313	43.849	ug/l	99
38) Carbon Tetrachloride	8.134	117	399809	44.633	ug/l	97
39) Methylcyclohexane	9.392	83	468709	47.732	ug/l	92
40) Benzene	8.386	78	1073466	43.400	ug/l	99

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41) Methacrylonitrile	7.563	41	190949	44.504	ug/l	96
42) 1,2-Dichloroethane	8.463	62	377981	44.444	ug/l	98
43) Isopropyl Acetate	8.492	43	611946	45.244	ug/l	97
44) Trichloroethene	9.151	130	312269	43.711	ug/l	95
45) 1,2-Dichloropropane	9.428	63	259604	43.789	ug/l	99
46) Dibromomethane	9.510	93	198995	44.149	ug/l	92
47) Bromodichloromethane	9.698	83	387185	44.943	ug/l	97
48) Methyl methacrylate	9.498	41	273078	47.185	ug/l	91
49) 1,4-Dioxane	9.504	88	158880	923.168	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2062890	225.587	ug/l	99
52) Toluene	10.445	92	725016	42.747	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	427501	47.289	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	456833	46.186	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	296534	44.945	ug/l	99
56) Ethyl methacrylate	10.698	69	457184	48.585	ug/l	96
57) 1,3-Dichloropropane	10.986	76	483864	45.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1174723	267.138	ug/l	95
59) 2-Hexanone	11.022	43	1620004	230.189	ug/l	99
60) Dibromochloromethane	11.180	129	338536	46.400	ug/l	100
61) 1,2-Dibromoethane	11.286	107	322834	45.749	ug/l	100
64) Tetrachloroethene	10.916	164	298649	43.780	ug/l	96
65) Chlorobenzene	11.710	112	815136	44.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	315082	45.299	ug/l	98
67) Ethyl Benzene	11.786	91	1395362	45.679	ug/l	97
68) m/p-Xylenes	11.892	106	1116601	89.965	ug/l	97
69) o-Xylene	12.222	106	556066	44.677	ug/l	96
70) Styrene	12.233	104	901201	46.249	ug/l	98
71) Bromoform	12.398	173	288517	46.460	ug/l #	99
73) Isopropylbenzene	12.522	105	1443346	44.026	ug/l	98
74) N-amyl acetate	12.327	43	527559	42.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	458484	41.675	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	443539m	46.699	ug/l	
77) Bromobenzene	12.798	156	383992	43.272	ug/l	89
78) n-propylbenzene	12.863	91	1611455	46.113	ug/l	97
79) 2-Chlorotoluene	12.945	91	963231	44.230	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1208899	45.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	157299	47.809	ug/l	94
82) 4-Chlorotoluene	13.045	91	932855	45.100	ug/l	95
83) tert-Butylbenzene	13.263	119	1100271	44.839	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1203151	45.182	ug/l	99
85) sec-Butylbenzene	13.439	105	1517280	47.701	ug/l	97
86) p-Isopropyltoluene	13.557	119	1316049	48.567	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	689834	44.826	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	683425	43.821	ug/l	98
89) n-Butylbenzene	13.880	91	1043989	48.641	ug/l	99
90) Hexachloroethane	14.151	117	223931	45.210	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	690088	43.425	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	109854	42.291	ug/l	81
93) 1,2,4-Trichlorobenzene	15.198	180	473117	48.916	ug/l	99
94) Hexachlorobutadiene	15.304	225	235272	46.146	ug/l	98
95) Naphthalene	15.433	128	1499121	47.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	475928	47.607	ug/l	99

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

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