

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073198.D
 Acq On : 28 Jun 2022 12:11
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 28 12:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 12:08:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	253192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.898	114	446351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	422062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	575508	166.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 332.320%#			
35) Dibromofluoromethane	7.951	113	462845	166.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 332.600%#			
50) Toluene-d8	10.375	98	1631352	159.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 318.900%#			
62) 4-Bromofluorobenzene	12.669	95	703870	186.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 372.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	597339	225.111	ug/l	98
3) Chloromethane	2.263	50	569472	196.288	ug/l	100
4) Vinyl Chloride	2.405	62	479148	206.509	ug/l	98
5) Bromomethane	2.775	94	97606	102.288	ug/l	97
6) Chloroethane	2.928	64	275141	191.790	ug/l	100
7) Trichlorofluoromethane	3.293	101	840185	214.944	ug/l	100
8) Diethyl Ether	3.757	74	337454	178.551	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.128	101	470558	183.697	ug/l	98
10) Methyl Iodide	4.340	142	589863	197.640	ug/l	97
11) Tert butyl alcohol	5.298	59	758704	843.296	ug/l	100
12) 1,1-Dichloroethene	4.104	96	470394	185.894	ug/l	95
13) Acrolein	3.975	56	443738	1113.913	ug/l	98
14) Allyl chloride	4.751	41	987980	182.638	ug/l #	94
15) Acrylonitrile	5.469	53	1831841	870.582	ug/l	99
16) Acetone	4.216	43	1640046	844.841	ug/l	94
17) Carbon Disulfide	4.446	76	1291475	196.547	ug/l	100
18) Methyl Acetate	4.769	43	883792	170.123	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	1723620	182.282	ug/l	98
20) Methylene Chloride	5.010	84	544080	165.056	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	485076	177.087	ug/l	95
22) Diisopropyl ether	6.410	45	1866354	185.597	ug/l	97
23) Vinyl Acetate	6.345	43	8623159	929.685	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	962693	182.754	ug/l	98
25) 2-Butanone	7.257	43	2670019	867.099	ug/l	90
26) 2,2-Dichloropropane	7.245	77	820972	173.441	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	581121	176.615	ug/l	96
28) Bromochloromethane	7.581	49	418985	189.276	ug/l	85
29) Tetrahydrofuran	7.604	42	1758217	860.709	ug/l	88
30) Chloroform	7.745	83	961612	180.309	ug/l	100
31) Cyclohexane	8.022	56	874167	177.342	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	874391	186.211	ug/l	99
36) 1,1-Dichloropropene	8.145	75	720148	185.712	ug/l	98
37) Ethyl Acetate	7.334	43	1034169	168.013	ug/l	96
38) Carbon Tetrachloride	8.134	117	747277	184.177	ug/l	99
39) Methylcyclohexane	9.392	83	879767	187.389	ug/l	96
40) Benzene	8.387	78	2156074	177.596	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	503514	173.922	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	791723	183.103	ug/l	98
43) Isopropyl Acetate	8.492	43	1601706	182.098	ug/l	94
44) Trichloroethene	9.145	130	551483	178.523	ug/l	93
45) 1,2-Dichloropropane	9.422	63	554224	178.252	ug/l	99
46) Dibromomethane	9.510	93	376076	179.804	ug/l	93
47) Bromodichloromethane	9.698	83	780769	187.606	ug/l	99
48) Methyl methacrylate	9.492	41	735568	180.814	ug/l	91
49) 1,4-Dioxane	9.504	88	283754	3192.577	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	5041536	881.827	ug/l	90
52) Toluene	10.439	92	1341940	180.119	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	901001	201.018	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	937238	191.694	ug/l #	90
55) 1,1,2-Trichloroethane	10.833	97	545378	168.176	ug/l	99
56) Ethyl methacrylate	10.698	69	974068	186.849	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	949366	174.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	2279693	988.046	ug/l	95
59) 2-Hexanone	11.022	43	3929263	889.431	ug/l	89
60) Dibromochloromethane	11.175	129	600343	195.712	ug/l	100
61) 1,2-Dibromoethane	11.280	107	592079	184.075	ug/l	99
64) Tetrachloroethene	10.910	164	481157	176.773	ug/l	95
65) Chlorobenzene	11.704	112	1434403	169.910	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	529416	165.063	ug/l	99
67) Ethyl Benzene	11.780	91	2619074	174.819	ug/l	100
68) m/p-Xylenes	11.892	106	1972541	337.127	ug/l	95
69) o-Xylene	12.216	106	985506	168.430	ug/l	96
70) Styrene	12.233	104	1657264	176.831	ug/l	98
71) Bromoform	12.398	173	458170	189.811	ug/l	100
73) Isopropylbenzene	12.516	105	2602646	155.709	ug/l	99
74) N-amyl acetate	12.327	43	1354124	156.869	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	845547	142.332	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	861246m	165.255	ug/l	
77) Bromobenzene	12.798	156	597702	150.509	ug/l	86
78) n-propylbenzene	12.857	91	3101943	168.059	ug/l	98
79) 2-Chlorotoluene	12.945	91	1850827	155.571	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	2175919	158.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	331465	171.597	ug/l	99
82) 4-Chlorotoluene	13.039	91	1849270	164.124	ug/l	97
83) tert-Butylbenzene	13.263	119	1918554	153.431	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	2147949	157.138	ug/l	98
85) sec-Butylbenzene	13.439	105	2728461	162.674	ug/l	99
86) p-Isopropyltoluene	13.551	119	2211055	163.298	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	1084997	152.112	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	1126774	156.526	ug/l	99
89) n-Butylbenzene	13.880	91	2020653	182.081	ug/l	99
90) Hexachloroethane	14.145	117	439682	172.187	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	1116772	150.719	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	239114	148.912	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	670300	164.536	ug/l	98
94) Hexachlorobutadiene	15.298	225	280399	158.554	ug/l	98
95) Naphthalene	15.433	128	2531455	153.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	664823	152.340	ug/l	98

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

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