

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073203.D
 Acq On : 28 Jun 2022 16:25
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062822

Quant Time: Jun 29 02:02:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 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	291072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	491768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	445724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	218840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	203632	48.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.920%		
35) Dibromofluoromethane	7.945	113	161568	49.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.760%		
50) Toluene-d8	10.375	98	572585	49.274	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.669	95	235394	52.712	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	212809	50.008	ug/l	96
3) Chloromethane	2.263	50	199309	48.242	ug/l	99
4) Vinyl Chloride	2.405	62	166740	47.499	ug/l	98
5) Bromomethane	2.787	94	78716	47.476	ug/l	98
6) Chloroethane	2.952	64	96155	46.565	ug/l	95
7) Trichlorofluoromethane	3.310	101	291883	48.095	ug/l	100
8) Diethyl Ether	3.757	74	116446	47.135	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.134	101	172002	47.965	ug/l	96
10) Methyl Iodide	4.340	142	174772	40.743	ug/l	95
11) Tert butyl alcohol	5.287	59	244120	239.827	ug/l	100
12) 1,1-Dichloroethene	4.104	96	161556	47.149	ug/l	98
13) Acrolein	3.975	56	118524	184.220	ug/l	98
14) Allyl chloride	4.751	41	341191	47.267	ug/l #	95
15) Acrylonitrile	5.469	53	614954	234.685	ug/l	99
16) Acetone	4.216	43	546693	231.785	ug/l	92
17) Carbon Disulfide	4.451	76	436089	49.082	ug/l	100
18) Methyl Acetate	4.769	43	297880	45.067	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	604747	48.425	ug/l	99
20) Methylene Chloride	5.010	84	188650	45.512	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	171856	48.000	ug/l	96
22) Diisopropyl ether	6.404	45	651644	48.379	ug/l	95
23) Vinyl Acetate	6.345	43	2978193	246.954	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	334803	48.032	ug/l	99
25) 2-Butanone	7.251	43	890087	237.029	ug/l	91
26) 2,2-Dichloropropane	7.245	77	304295	47.201	ug/l	97
27) cis-1,2-Dichloroethene	7.240	96	205880	47.485	ug/l	96
28) Bromochloromethane	7.581	49	149813	51.319	ug/l	86
29) Tetrahydrofuran	7.604	42	584425	227.292	ug/l	88
30) Chloroform	7.740	83	333054	47.440	ug/l	99
31) Cyclohexane	8.016	56	311664	45.289	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	298748	47.750	ug/l	99
36) 1,1-Dichloropropene	8.145	75	249610	49.582	ug/l	99
37) Ethyl Acetate	7.334	43	359725	47.290	ug/l	96
38) Carbon Tetrachloride	8.128	117	261213	50.174	ug/l	98
39) Methylcyclohexane	9.386	83	314567	50.189	ug/l	93
40) Benzene	8.387	78	746925	48.075	ug/l	100

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41) Methacrylonitrile	7.557	41	179332	48.611	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	275033	48.834	ug/l	97
43) Isopropyl Acetate	8.487	43	536201	49.048	ug/l	94
44) Trichloroethene	9.145	130	191146	48.345	ug/l	91
45) 1,2-Dichloropropane	9.422	63	191689	48.406	ug/l	95
46) Dibromomethane	9.510	93	130104	48.387	ug/l	94
47) Bromodichloromethane	9.692	83	264156	50.724	ug/l	99
48) Methyl methacrylate	9.492	41	244164	48.237	ug/l	92
49) 1,4-Dioxane	9.498	88	95812	997.095	ug/l #	90
51) 4-Methyl-2-Pentanone	10.263	43	1701956	245.496	ug/l	91
52) Toluene	10.439	92	470114	48.962	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	303906	53.011	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	319097	51.557	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	192664	48.741	ug/l	98
56) Ethyl methacrylate	10.698	69	328261	51.378	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	326365	48.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	770998	270.582	ug/l	96
59) 2-Hexanone	11.022	43	1319480	249.684	ug/l	89
60) Dibromochloromethane	11.175	129	199910	53.044	ug/l	100
61) 1,2-Dibromoethane	11.280	107	201845	51.123	ug/l	100
64) Tetrachloroethene	10.910	164	174855	48.042	ug/l	96
65) Chlorobenzene	11.704	112	489353	48.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	182423	49.199	ug/l	99
67) Ethyl Benzene	11.780	91	916069	50.056	ug/l	100
68) m/p-Xylenes	11.886	106	697153	100.937	ug/l	96
69) o-Xylene	12.216	106	347835	49.332	ug/l	98
70) Styrene	12.233	104	568523	52.225	ug/l	98
71) Bromoform	12.398	173	146941	54.159	ug/l #	99
73) Isopropylbenzene	12.516	105	910422	48.176	ug/l	99
74) N-amyl acetate	12.327	43	447081	47.247	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	288151	45.950	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	311778m	54.485	ug/l	
77) Bromobenzene	12.792	156	209330	47.643	ug/l	89
78) n-propylbenzene	12.857	91	1062224	50.597	ug/l	98
79) 2-Chlorotoluene	12.945	91	630739	47.470	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	756024	49.082	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	104019	49.853	ug/l	94
82) 4-Chlorotoluene	13.039	91	628924	48.892	ug/l	98
83) tert-Butylbenzene	13.257	119	665352	48.182	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	754363	49.053	ug/l	96
85) sec-Butylbenzene	13.439	105	937831	50.576	ug/l	99
86) p-Isopropyltoluene	13.551	119	773599	51.645	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	374317	47.488	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	382679	48.455	ug/l	99
89) n-Butylbenzene	13.880	91	664622	53.246	ug/l	99
90) Hexachloroethane	14.145	117	141528	50.699	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	387113	48.211	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	73064	47.936	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	221196	52.907	ug/l	99
94) Hexachlorobutadiene	15.298	225	93651	50.389	ug/l	99
95) Naphthalene	15.427	128	816550	48.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	219129	50.809	ug/l	99

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

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