

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072544.D
 Acq On : 18 May 2022 16:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051822

Quant Time: May 19 02:24:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/28/2022
 Supervised By :Semsettin Yesilyurt 05/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	217686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	327099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	329411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	141697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	136829	40.455	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.920%		
35) Dibromofluoromethane	8.016	113	95051	43.067	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.140%		
50) Toluene-d8	10.439	98	381991	45.725	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.440%		
62) 4-Bromofluorobenzene	12.727	95	146911	46.295	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	115875	46.499	ug/l	99
3) Chloromethane	2.293	50	112007	49.718	ug/l	98
4) Vinyl Chloride	2.440	62	82460	44.848	ug/l	99
5) Bromomethane	2.810	94	78144	45.279	ug/l	95
6) Chloroethane	2.951	64	65995	42.855	ug/l	96
7) Trichlorofluoromethane	3.340	101	181401	42.744	ug/l	100
8) Diethyl Ether	3.816	74	57173	45.365	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.198	101	93726	46.382	ug/l	98
10) Methyl Iodide	4.410	142	143531	55.608	ug/l #	88
11) Tert butyl alcohol	5.392	59	73265	236.800	ug/l	98
12) 1,1-Dichloroethene	4.169	96	82446	46.412	ug/l	92
13) Acrolein	4.034	56	90081	209.829	ug/l	99
14) Allyl chloride	4.828	41	159456	52.774	ug/l	94
15) Acrylonitrile	5.545	53	292559	244.857	ug/l	97
16) Acetone	4.287	43	223021	217.531	ug/l	89
17) Carbon Disulfide	4.516	76	237716	51.674	ug/l	99
18) Methyl Acetate	4.845	43	138770	48.832	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	376290	51.294	ug/l	98
20) Methylene Chloride	5.081	84	112839	46.358	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	102554	51.516	ug/l	94
22) Diisopropyl ether	6.492	45	360004	54.109	ug/l	97
23) Vinyl Acetate	6.428	43	1543293	268.285	ug/l	97
24) 1,1-Dichloroethane	6.381	63	204766	50.604	ug/l	99
25) 2-Butanone	7.328	43	387383	240.306	ug/l	92
26) 2,2-Dichloropropane	7.316	77	188364	50.181	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	124235	50.675	ug/l	94
28) Bromochloromethane	7.651	49	81298	49.150	ug/l	97
29) Tetrahydrofuran	7.680	42	249557	255.812	ug/l	95
30) Chloroform	7.810	83	225085	48.605	ug/l	98
31) Cyclohexane	8.092	56	180901	48.119	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	210003	49.144	ug/l	97
36) 1,1-Dichloropropene	8.216	75	162924	54.224	ug/l	96
37) Ethyl Acetate	7.404	43	164851	49.928	ug/l	99
38) Carbon Tetrachloride	8.204	117	180316	48.486	ug/l	99
39) Methylcyclohexane	9.457	83	194841	55.563	ug/l	96
40) Benzene	8.451	78	466095	53.089	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	85086	53.717	ug/l	93
42) 1,2-Dichloroethane	8.522	62	198091	48.624	ug/l	95
43) Isopropyl Acetate	8.557	43	276514	52.078	ug/l	97
44) Trichloroethene	9.210	130	125382	52.531	ug/l	99
45) 1,2-Dichloropropane	9.480	63	114581	53.092	ug/l	94
46) Dibromomethane	9.569	93	84525	51.807	ug/l	97
47) Bromodichloromethane	9.757	83	181011	53.235	ug/l	98
48) Methyl methacrylate	9.551	41	139749	55.277	ug/l	92
49) 1,4-Dioxane	9.569	88	23157	1052.136	ug/l #	90
51) 4-Methyl-2-Pentanone	10.327	43	888421	253.572	ug/l	95
52) Toluene	10.504	92	319763	56.172	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	200507	54.917	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	206421	57.266	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	126027	50.943	ug/l	95
56) Ethyl methacrylate	10.757	69	208384	56.251	ug/l	90
57) 1,3-Dichloropropane	11.039	76	215822	51.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	251626	278.212	ug/l	100
59) 2-Hexanone	11.080	43	624018	256.245	ug/l	93
60) Dibromochloromethane	11.233	129	152230	53.855	ug/l	99
61) 1,2-Dibromoethane	11.339	107	136500	53.205	ug/l	98
64) Tetrachloroethene	10.974	164	121045	52.952	ug/l	95
65) Chlorobenzene	11.768	112	351826	52.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	138711	51.177	ug/l	96
67) Ethyl Benzene	11.839	91	652754	55.867	ug/l	100
68) m/p-Xylenes	11.945	106	499079	110.951	ug/l	92
69) o-Xylene	12.274	106	242245	52.865	ug/l	92
70) Styrene	12.292	104	412051	58.405	ug/l	97
71) Bromoform	12.457	173	113309	54.322	ug/l #	97
73) Isopropylbenzene	12.574	105	665150	56.778	ug/l	99
74) N-amyl acetate	12.386	43	202852	51.984	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	183506	51.708	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	189883m	44.360	ug/l	
77) Bromobenzene	12.857	156	158016	52.657	ug/l	99
78) n-propylbenzene	12.915	91	745714	58.202	ug/l	99
79) 2-Chlorotoluene	13.004	91	456116	53.141	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	576784	56.771	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	55356	53.913	ug/l	93
82) 4-Chlorotoluene	13.098	91	450438	56.337	ug/l	97
83) tert-Butylbenzene	13.321	119	495460	57.417	ug/l	95
84) 1,2,4-Trimethylbenzene	13.362	105	560768	57.541	ug/l	95
85) sec-Butylbenzene	13.498	105	663083	59.170	ug/l	99
86) p-Isopropyltoluene	13.610	119	555160	60.239	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	261212	53.143	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	251377	52.579	ug/l	99
89) n-Butylbenzene	13.939	91	394256	56.514	ug/l	99
90) Hexachloroethane	14.204	117	79252	48.066	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	237150	48.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34660	46.162	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	107701	49.998	ug/l	98
94) Hexachlorobutadiene	15.362	225	58521	43.256	ug/l	99
95) Naphthalene	15.504	128	320202	51.297	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	110405	49.691	ug/l	98

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

