

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074175.D
 Acq On : 30 Aug 2022 16:32
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN083022

Quant Time: Aug 31 07:03:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	263278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	444171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	184002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	183199	44.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.720%		
35) Dibromofluoromethane	7.945	113	148339	51.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.640%		
50) Toluene-d8	10.374	98	584795	51.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.760%		
62) 4-Bromofluorobenzene	12.668	95	195205	56.394	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	136872	50.243	ug/l	98
3) Chloromethane	2.269	50	185209	48.268	ug/l	98
4) Vinyl Chloride	2.404	62	178559	46.831	ug/l	99
5) Bromomethane	2.787	94	105556	50.636	ug/l	96
6) Chloroethane	2.957	64	118824	47.166	ug/l	92
7) Trichlorofluoromethane	3.304	101	292196	50.130	ug/l	98
8) Diethyl Ether	3.757	74	111805	45.104	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.134	101	144156	43.306	ug/l	95
10) Methyl Iodide	4.340	142	130364	48.522	ug/l	93
11) Tert butyl alcohol	5.287	59	218611	237.806	ug/l	99
12) 1,1-Dichloroethene	4.110	96	141596	45.871	ug/l	97
13) Acrolein	3.975	56	170054	188.359	ug/l	100
14) Allyl chloride	4.763	41	320487	46.559	ug/l #	92
15) Acrylonitrile	5.469	53	646229	219.025	ug/l	99
16) Acetone	4.216	43	562265	206.031	ug/l	96
17) Carbon Disulfide	4.451	76	398027	45.308	ug/l	99
18) Methyl Acetate	4.775	43	333708	48.215	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	521724	45.693	ug/l	95
20) Methylene Chloride	5.004	84	177943	48.529	ug/l #	86
21) trans-1,2-Dichloroethene	5.504	96	153309	43.032	ug/l	97
22) Diisopropyl ether	6.404	45	624621	44.538	ug/l #	91
23) Vinyl Acetate	6.345	43	2819981	238.154	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	309662	44.757	ug/l	99
25) 2-Butanone	7.257	43	954631	218.667	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	227816	51.056	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	184051	46.252	ug/l	96
28) Bromochloromethane	7.581	49	111694	48.212	ug/l #	76
29) Tetrahydrofuran	7.604	42	628837	226.175	ug/l #	85
30) Chloroform	7.739	83	298899	42.380	ug/l	94
31) Cyclohexane	8.016	56	298269	44.201	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	243877	44.961	ug/l	97
36) 1,1-Dichloropropene	8.151	75	226910	48.386	ug/l	98
37) Ethyl Acetate	7.333	43	361497	46.093	ug/l #	95
38) Carbon Tetrachloride	8.133	117	214196	50.149	ug/l	97
39) Methylcyclohexane	9.392	83	292606	53.152	ug/l	96
40) Benzene	8.392	78	704900	47.871	ug/l	97

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41) Methacrylonitrile	7.557	41	166128	45.890	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	240979	45.987	ug/l	99
43) Isopropyl Acetate	8.492	43	519146	49.240	ug/l #	92
44) Trichloroethene	9.151	130	163032	49.548	ug/l	92
45) 1,2-Dichloropropane	9.427	63	188591	47.436	ug/l	94
46) Dibromomethane	9.516	93	121945	45.926	ug/l	89
47) Bromodichloromethane	9.698	83	240957	46.308	ug/l	95
48) Methyl methacrylate	9.492	41	248959	49.711	ug/l	88
49) 1,4-Dioxane	9.504	88	100558	930.679	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1801304	235.409	ug/l	90
52) Toluene	10.439	92	431691	49.738	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	249916	50.657	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	278320	50.390	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	173984	46.344	ug/l	95
56) Ethyl methacrylate	10.698	69	300448	52.799	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	301622	46.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	701193	243.589	ug/l	91
59) 2-Hexanone	11.021	43	1401733	241.394	ug/l	89
60) Dibromochloromethane	11.180	129	175301	49.852	ug/l	99
61) 1,2-Dibromoethane	11.286	107	178305	49.704	ug/l	100
64) Tetrachloroethene	10.910	164	134150	46.907	ug/l	97
65) Chlorobenzene	11.710	112	439522	49.469	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	158002	50.034	ug/l	99
67) Ethyl Benzene	11.786	91	824350	51.702	ug/l	97
68) m/p-Xylenes	11.892	106	621175	104.874	ug/l	95
69) o-Xylene	12.221	106	306834	51.990	ug/l	98
70) Styrene	12.233	104	508507	54.082	ug/l	100
71) Bromoform	12.398	173	132297	49.460	ug/l #	97
73) Isopropylbenzene	12.516	105	804996	51.085	ug/l	99
74) N-amyl acetate	12.327	43	445717	49.994	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	289221	44.257	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	192020m	43.495	ug/l	
77) Bromobenzene	12.798	156	179378	48.664	ug/l	87
78) n-propylbenzene	12.857	91	976994	54.392	ug/l	97
79) 2-Chlorotoluene	12.945	91	547971	49.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	665786	51.951	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	91498	51.615	ug/l	93
82) 4-Chlorotoluene	13.045	91	533441	50.108	ug/l	99
83) tert-Butylbenzene	13.263	119	582943	53.176	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	662670	53.577	ug/l	97
85) sec-Butylbenzene	13.439	105	857567	55.767	ug/l	97
86) p-Isopropyltoluene	13.551	119	675577	56.460	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	338734	51.552	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	329291	48.441	ug/l	97
89) n-Butylbenzene	13.880	91	607529	58.297	ug/l	97
90) Hexachloroethane	14.151	117	122795	49.778	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	341698	49.333	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	63630	48.715	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	195733	57.772	ug/l	98
94) Hexachlorobutadiene	15.298	225	83948	50.385	ug/l	98
95) Naphthalene	15.433	128	721593	51.643	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	197176	56.179	ug/l	98

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

