

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074134.D
 Acq On : 26 Aug 2022 14:28
 Operator : JC\MD
 Sample : VN0826SBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826SBS01

Quant Time: Aug 27 00:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	343690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	551381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	480654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	218096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194264	58.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.060%			
35) Dibromofluoromethane	7.951	113	171861	52.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	10.380	98	595729	47.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.340%			
62) 4-Bromofluorobenzene	12.669	95	193046	46.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	19633	7.204	ug/l	96
3) Chloromethane	2.269	50	20086	6.628	ug/l	97
4) Vinyl Chloride	2.404	62	26639	6.847	ug/l	98
5) Bromomethane	2.816	94	15518	6.387	ug/l	95
6) Chloroethane	2.969	64	19609	7.135	ug/l	93
7) Trichlorofluoromethane	3.316	101	36152	7.204	ug/l	96
8) Diethyl Ether	3.775	74	12828	6.886	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	19208	6.589	ug/l	96
10) Methyl Iodide	4.346	142	12491	3.569	ug/l	96
11) Tert butyl alcohol	5.298	59	27703	36.997	ug/l	99
12) 1,1-Dichloroethene	4.116	96	19863	7.323	ug/l	88
13) Acrolein	3.981	56	41802	79.756	ug/l	100
14) Allyl chloride	4.769	41	30196	7.517	ug/l	96
15) Acrylonitrile	5.481	53	74763	40.896	ug/l	100
16) Acetone	4.234	43	63478	40.193	ug/l	96
17) Carbon Disulfide	4.457	76	45729	7.090	ug/l	99
18) Methyl Acetate	4.787	43	36800	7.143	ug/l	99
19) Methyl tert-butyl Ether	5.540	73	64200	6.572	ug/l	93
20) Methylene Chloride	5.016	84	25643	7.695	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	20750	6.943	ug/l	94
22) Diisopropyl ether	6.416	45	62189	7.301	ug/l	97
23) Vinyl Acetate	6.351	43	257712	35.307	ug/l	94
24) 1,1-Dichloroethane	6.304	63	39926	7.531	ug/l	99
25) 2-Butanone	7.263	43	99055	39.556	ug/l	98
26) 2,2-Dichloropropane	7.257	77	29467	5.916	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	25153	6.822	ug/l	94
28) Bromochloromethane	7.586	49	20300	10.381	ug/l	98
29) Tetrahydrofuran	7.616	42	62547	38.937	ug/l	98
30) Chloroform	7.751	83	42297	7.134	ug/l	94
31) Cyclohexane	8.016	56	33363	7.149	ug/l #	81
32) 1,1,1-Trichloroethane	7.939	97	34968	6.651	ug/l	97
36) 1,1-Dichloropropene	8.151	75	26644	5.883	ug/l	98
37) Ethyl Acetate	7.339	43	32398	5.904	ug/l #	93
38) Carbon Tetrachloride	8.133	117	29108	5.623	ug/l	98
39) Methylcyclohexane	9.392	83	28526	5.027	ug/l	98
40) Benzene	8.392	78	92262	6.454	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	14924	6.019	ug/l #	92
42) 1,2-Dichloroethane	8.463	62	32534	6.619	ug/l	99
43) Isopropyl Acetate	8.498	43	48049	6.147	ug/l	96
44) Trichloroethene	9.145	130	24627	5.965	ug/l	85
45) 1,2-Dichloropropane	9.428	63	23121	6.748	ug/l	98
46) Dibromomethane	9.516	93	16556	6.356	ug/l	95
47) Bromodichloromethane	9.698	83	30304	6.087	ug/l #	98
48) Methyl methacrylate	9.498	41	22670	6.778	ug/l	96
49) 1,4-Dioxane	9.510	88	13346	134.180	ug/l #	95
51) 4-Methyl-2-Pentanone	10.275	43	174801	33.076	ug/l	100
52) Toluene	10.445	92	56450	5.759	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	29643	5.674	ug/l	93
54) cis-1,3-Dichloropropene	10.128	75	33456	5.853	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	24615	6.456	ug/l	98
56) Ethyl methacrylate	10.704	69	31283	5.752	ug/l	98
57) 1,3-Dichloropropane	10.986	76	40633	6.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	44044	14.330	ug/l	99
59) 2-Hexanone	11.027	43	134718	33.122	ug/l	97
60) Dibromochloromethane	11.174	129	23659	5.611	ug/l	99
61) 1,2-Dibromoethane	11.286	107	25423	6.234	ug/l	99
64) Tetrachloroethene	10.916	164	19425	5.120	ug/l	93
65) Chlorobenzene	11.710	112	61039	5.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	22722	5.874	ug/l	97
67) Ethyl Benzene	11.786	91	94167	5.543	ug/l	99
68) m/p-Xylenes	11.892	106	70959	10.280	ug/l	96
69) o-Xylene	12.221	106	35891	5.185	ug/l	99
70) Styrene	12.233	104	56248	5.191	ug/l	98
71) Bromoform	12.398	173	18860	5.461	ug/l #	100
73) Isopropylbenzene	12.521	105	85756	5.400	ug/l	97
74) N-amyl acetate	12.327	43	34789	5.795	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	39282	7.371	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	32675m	7.208	ug/l	
77) Bromobenzene	12.798	156	26019	6.053	ug/l	98
78) n-propylbenzene	12.863	91	94498	5.582	ug/l	98
79) 2-Chlorotoluene	12.945	91	65891	6.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	71057	5.501	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	9183	5.762	ug/l	92
82) 4-Chlorotoluene	13.045	91	62708	6.258	ug/l	99
83) tert-Butylbenzene	13.263	119	64293	5.409	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	71544	5.546	ug/l	98
85) sec-Butylbenzene	13.439	105	84046	5.455	ug/l	98
86) p-Isopropyltoluene	13.557	119	66914	5.098	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	43307	5.809	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	44619	5.906	ug/l	95
89) n-Butylbenzene	13.880	91	49020	4.715	ug/l	98
90) Hexachloroethane	14.151	117	14634	6.099	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	46134	5.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	7824	6.218	ug/l	96
93) 1,2,4-Trichlorobenzene	15.192	180	22740	4.854	ug/l	97
94) Hexachlorobutadiene	15.298	225	14370	5.818	ug/l	95
95) Naphthalene	15.433	128	69613	4.557	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	25592	5.285	ug/l	97

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

