

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073285.D
 Acq On : 01 Jul 2022 10:18
 Operator : JC\MD
 Sample : VN0701WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:02:38 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	244356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	427453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	385939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	175305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179816	50.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	7.951	113	144260	50.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	10.374	98	497230	49.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.460%			
62) 4-Bromofluorobenzene	12.668	95	191834	49.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	69462	19.443	ug/l	99
3) Chloromethane	2.269	50	63003	18.165	ug/l	96
4) Vinyl Chloride	2.404	62	58893	19.984	ug/l	100
5) Bromomethane	2.810	94	28050	20.152	ug/l #	80
6) Chloroethane	2.969	64	35076	20.234	ug/l	94
7) Trichlorofluoromethane	3.322	101	100958	19.816	ug/l	100
8) Diethyl Ether	3.769	74	42679	20.578	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.145	101	57114	18.972	ug/l	96
10) Methyl Iodide	4.351	142	51426	15.525	ug/l	94
11) Tert butyl alcohol	5.281	59	95435	111.681	ug/l	99
12) 1,1-Dichloroethene	4.116	96	56226	19.546	ug/l	95
13) Acrolein	3.981	56	55692	103.110	ug/l	99
14) Allyl chloride	4.769	41	120533	19.890	ug/l #	94
15) Acrylonitrile	5.469	53	235879	107.228	ug/l	99
16) Acetone	4.222	43	208701	105.401	ug/l	93
17) Carbon Disulfide	4.463	76	142943	19.164	ug/l	98
18) Methyl Acetate	4.781	43	119910	21.610	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	217053	20.703	ug/l	94
20) Methylene Chloride	5.010	84	70147	20.158	ug/l	93
21) trans-1,2-Dichloroethene	5.516	96	60828	20.238	ug/l	99
22) Diisopropyl ether	6.416	45	238901	21.127	ug/l	94
23) Vinyl Acetate	6.351	43	1079311	106.607	ug/l	95
24) 1,1-Dichloroethane	6.304	63	122202	20.883	ug/l	99
25) 2-Butanone	7.263	43	340961	108.156	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	101253	18.709	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	73113	20.087	ug/l	96
28) Bromochloromethane	7.586	49	54769	22.348	ug/l	86
29) Tetrahydrofuran	7.610	42	229438	106.291	ug/l	88
30) Chloroform	7.751	83	123095	20.886	ug/l	98
31) Cyclohexane	8.022	56	108147	18.719	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	106029	20.187	ug/l	99
36) 1,1-Dichloropropene	8.151	75	85238	19.479	ug/l	98
37) Ethyl Acetate	7.339	43	136928	20.709	ug/l	95
38) Carbon Tetrachloride	8.128	117	89277	19.729	ug/l	98
39) Methylcyclohexane	9.392	83	100069	18.368	ug/l	95
40) Benzene	8.392	78	271310	20.090	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	65784	20.515	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	98748	20.172	ug/l	98
43) Isopropyl Acetate	8.492	43	200842	21.136	ug/l	93
44) Trichloroethene	9.151	130	67849	19.742	ug/l	92
45) 1,2-Dichloropropane	9.422	63	69780	20.272	ug/l	98
46) Dibromomethane	9.510	93	46027	19.694	ug/l	94
47) Bromodichloromethane	9.698	83	93120	20.572	ug/l	100
48) Methyl methacrylate	9.492	41	87823	19.961	ug/l	90
49) 1,4-Dioxane	9.504	88	37093	444.100	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	658174	109.222	ug/l	91
52) Toluene	10.439	92	166254	19.920	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	102200	20.509	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	111591	20.743	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	68921	20.059	ug/l	98
56) Ethyl methacrylate	10.698	69	114741	20.661	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	117882	20.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	259283	104.687	ug/l	95
59) 2-Hexanone	11.021	43	505089	109.958	ug/l	88
60) Dibromochloromethane	11.174	129	69467	21.206	ug/l	100
61) 1,2-Dibromoethane	11.280	107	71837	20.932	ug/l	99
64) Tetrachloroethene	10.910	164	59206	18.787	ug/l	94
65) Chlorobenzene	11.710	112	169017	19.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	64451	20.075	ug/l	100
67) Ethyl Benzene	11.780	91	311195	19.638	ug/l	97
68) m/p-Xylenes	11.892	106	237532	39.718	ug/l	98
69) o-Xylene	12.215	106	117385	19.227	ug/l	95
70) Styrene	12.233	104	191994	20.369	ug/l	98
71) Bromoform	12.398	173	50126	21.337	ug/l #	94
73) Isopropylbenzene	12.515	105	303175	20.027	ug/l	99
74) N-amyl acetate	12.327	43	156039	20.585	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	103939	20.691	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	91195m	19.895	ug/l	
77) Bromobenzene	12.798	156	72080	20.479	ug/l	88
78) n-propylbenzene	12.857	91	342412	20.361	ug/l	97
79) 2-Chlorotoluene	12.945	91	216193	20.312	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	251357	20.371	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	33323	19.937	ug/l	91
82) 4-Chlorotoluene	13.039	91	201004	19.506	ug/l	98
83) tert-Butylbenzene	13.262	119	221025	19.980	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	250165	20.307	ug/l	98
85) sec-Butylbenzene	13.439	105	297420	20.023	ug/l	99
86) p-Isopropyltoluene	13.551	119	241407	20.118	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	123850	19.614	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	118381	18.712	ug/l	94
89) n-Butylbenzene	13.880	91	194686	19.471	ug/l	98
90) Hexachloroethane	14.151	117	45959	20.552	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	127369	19.802	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25948	21.252	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	67278	20.088	ug/l	98
94) Hexachlorobutadiene	15.298	225	29477	19.799	ug/l	97
95) Naphthalene	15.433	128	268070	19.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	68924	19.950	ug/l	97

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

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