

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073311.D
 Acq On : 05 Jul 2022 13:27
 Operator : JC\MD
 Sample : VN0705WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705WBS01

Quant Time: Jul 06 01:13:27 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 07/06/2022
 Supervised By :Semsettin Yesilyurt 07/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	235715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	414176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	363181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	166698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182797	53.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	7.951	113	144569	52.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	10.375	98	494616	50.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.669	95	192195	51.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	71043	20.615	ug/l	96
3) Chloromethane	2.269	50	61873	18.493	ug/l	95
4) Vinyl Chloride	2.405	62	53704	18.892	ug/l	98
5) Bromomethane	2.810	94	26117	19.451	ug/l	96
6) Chloroethane	2.975	64	35240	21.073	ug/l	91
7) Trichlorofluoromethane	3.322	101	97391	19.816	ug/l	98
8) Diethyl Ether	3.769	74	40935	20.461	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.146	101	56301	19.388	ug/l	99
10) Methyl Iodide	4.351	142	52349	16.207	ug/l	93
11) Tert butyl alcohol	5.287	59	86216	104.591	ug/l	100
12) 1,1-Dichloroethene	4.116	96	52663	18.979	ug/l	98
13) Acrolein	3.981	56	39653	76.106	ug/l	95
14) Allyl chloride	4.757	41	116810	19.983	ug/l #	95
15) Acrylonitrile	5.475	53	227128	107.035	ug/l	99
16) Acetone	4.222	43	212007	110.995	ug/l	94
17) Carbon Disulfide	4.457	76	134518	18.696	ug/l	96
18) Methyl Acetate	4.781	43	116607	21.785	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	208703	20.637	ug/l	95
20) Methylene Chloride	5.016	84	64754	19.291	ug/l	87
21) trans-1,2-Dichloroethene	5.516	96	56221	19.391	ug/l	91
22) Diisopropyl ether	6.410	45	230097	21.095	ug/l	91
23) Vinyl Acetate	6.351	43	1014383	103.867	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	116687	20.672	ug/l	97
25) 2-Butanone	7.263	43	334465	109.985	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	96343	18.454	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	68366	19.471	ug/l	91
28) Bromochloromethane	7.581	49	54604	23.097	ug/l	84
29) Tetrahydrofuran	7.610	42	231417	111.138	ug/l #	86
30) Chloroform	7.745	83	117074	20.592	ug/l	96
31) Cyclohexane	8.022	56	105811	18.987	ug/l	95
32) 1,1,1-Trichloroethane	7.940	97	99433	19.625	ug/l	98
36) 1,1-Dichloropropene	8.145	75	82712	19.508	ug/l	97
37) Ethyl Acetate	7.340	43	132661	20.707	ug/l #	95
38) Carbon Tetrachloride	8.134	117	84591	19.292	ug/l	100
39) Methylcyclohexane	9.398	83	97980	18.561	ug/l	95
40) Benzene	8.387	78	261008	19.947	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	66171	21.297	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	97571	20.570	ug/l	98
43) Isopropyl Acetate	8.492	43	192168	20.871	ug/l	94
44) Trichloroethene	9.145	130	63088	18.946	ug/l	94
45) 1,2-Dichloropropane	9.422	63	68314	20.483	ug/l	96
46) Dibromomethane	9.516	93	45651	20.159	ug/l	90
47) Bromodichloromethane	9.698	83	87549	19.961	ug/l	96
48) Methyl methacrylate	9.498	41	85046	19.949	ug/l	88
49) 1,4-Dioxane	9.498	88	36700	453.480	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	638524	109.358	ug/l	90
52) Toluene	10.439	92	155644	19.247	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	95484	19.776	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	101084	19.392	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	64701	19.435	ug/l	97
56) Ethyl methacrylate	10.698	69	106105	19.718	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	113056	19.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	254984	106.251	ug/l	95
59) 2-Hexanone	11.022	43	491651	110.464	ug/l	89
60) Dibromochloromethane	11.175	129	65679	20.692	ug/l	99
61) 1,2-Dibromoethane	11.280	107	67143	20.192	ug/l	99
64) Tetrachloroethene	10.910	164	55542	18.729	ug/l	94
65) Chlorobenzene	11.710	112	163668	19.926	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	60597	20.057	ug/l	100
67) Ethyl Benzene	11.780	91	297869	19.975	ug/l	99
68) m/p-Xylenes	11.892	106	227607	40.444	ug/l	98
69) o-Xylene	12.222	106	112510	19.583	ug/l	98
70) Styrene	12.233	104	178053	20.073	ug/l	97
71) Bromoform	12.398	173	45697	20.671	ug/l #	100
73) Isopropylbenzene	12.516	105	289355	20.101	ug/l	99
74) N-amyl acetate	12.327	43	141480	19.628	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.769	83	101863	21.324	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	72929m	16.731	ug/l	
77) Bromobenzene	12.798	156	66497	19.869	ug/l	86
78) n-propylbenzene	12.857	91	327813	20.499	ug/l	98
79) 2-Chlorotoluene	12.945	91	199907	19.751	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	239867	20.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	31149	19.598	ug/l	91
82) 4-Chlorotoluene	13.039	91	196373	20.041	ug/l	96
83) tert-Butylbenzene	13.263	119	207733	19.748	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	239302	20.428	ug/l	98
85) sec-Butylbenzene	13.439	105	287138	20.329	ug/l	98
86) p-Isopropyltoluene	13.551	119	233218	20.440	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	119465	19.897	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	119224	19.818	ug/l	96
89) n-Butylbenzene	13.880	91	187699	19.741	ug/l	97
90) Hexachloroethane	14.145	117	42547	20.009	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	122364	20.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23902	20.587	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	61761	19.393	ug/l	98
94) Hexachlorobutadiene	15.298	225	28499	20.130	ug/l	99
95) Naphthalene	15.433	128	253585	19.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	64369	19.594	ug/l	97

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

