

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072290.D
 Acq On : 02 May 2022 12:47
 Operator : JC\MD
 Sample : VN0502WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS02

Quant Time: May 03 03:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	192738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	318164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	298239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	112680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	179402	60.630	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.260%			
35) Dibromofluoromethane	8.016	113	118596	58.237	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 116.480%			
50) Toluene-d8	10.439	98	437315	54.651	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.300%			
62) 4-Bromofluorobenzene	12.727	95	158169	59.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	44123	20.324	ug/l	99
3) Chloromethane	2.304	50	43585	17.453	ug/l	94
4) Vinyl Chloride	2.446	62	37798	17.421	ug/l	94
5) Bromomethane	2.840	94	25343	23.200	ug/l	95
6) Chloroethane	3.010	64	24893	19.279	ug/l	95
7) Trichlorofluoromethane	3.369	101	77767	20.516	ug/l	99
8) Diethyl Ether	3.828	74	28458	20.733	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	38570	19.371	ug/l	95
10) Methyl Iodide	4.422	142	48672	20.138	ug/l	# 83
11) Tert butyl alcohol	5.363	59	54061	111.177	ug/l	# 88
12) 1,1-Dichloroethene	4.187	96	32769	17.801	ug/l	96
13) Acrolein	4.040	56	45664	93.315	ug/l	98
14) Allyl chloride	4.839	41	68992	18.051	ug/l	96
15) Acrylonitrile	5.551	53	142718	97.261	ug/l	98
16) Acetone	4.287	43	126030	98.791	ug/l	93
17) Carbon Disulfide	4.528	76	74106	17.349	ug/l	99
18) Methyl Acetate	4.851	43	68776	19.260	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	169014	23.423	ug/l	95
20) Methylene Chloride	5.098	84	47282	19.335	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	37072	18.263	ug/l	90
22) Diisopropyl ether	6.492	45	153495	19.497	ug/l	98
23) Vinyl Acetate	6.428	43	665605	100.668	ug/l	97
24) 1,1-Dichloroethane	6.386	63	86590	19.663	ug/l	98
25) 2-Butanone	7.328	43	189817	93.428	ug/l	96
26) 2,2-Dichloropropane	7.322	77	79508	23.114	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	48902	19.762	ug/l	88
28) Bromochloromethane	7.651	49	37159	18.845	ug/l	85
29) Tetrahydrofuran	7.680	42	121925	91.444	ug/l	96
30) Chloroform	7.810	83	95499	21.599	ug/l	94
31) Cyclohexane	8.092	56	67385	17.044	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	85199	22.643	ug/l	99
36) 1,1-Dichloropropene	8.222	75	60568	20.433	ug/l	95
37) Ethyl Acetate	7.404	43	78622	19.973	ug/l	97
38) Carbon Tetrachloride	8.204	117	73216	23.062	ug/l	96
39) Methylcyclohexane	9.457	83	63890	19.272	ug/l	95
40) Benzene	8.457	78	186778	20.315	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	39641	19.906	ug/l	90
42) 1,2-Dichloroethane	8.527	62	83998	23.863	ug/l	96
43) Isopropyl Acetate	8.557	43	118285	19.632	ug/l	98
44) Trichloroethene	9.210	130	43045	20.126	ug/l	90
45) 1,2-Dichloropropane	9.486	63	49267	19.830	ug/l	99
46) Dibromomethane	9.574	93	34385	22.093	ug/l	91
47) Bromodichloromethane	9.757	83	77228	23.649	ug/l	99
48) Methyl methacrylate	9.557	41	56923	21.891	ug/l	90
49) 1,4-Dioxane	9.563	88	20952	458.705	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	388920	104.712	ug/l	97
52) Toluene	10.504	92	118190	21.503	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	78476	23.906	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	82962	23.369	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	51757	22.458	ug/l	97
56) Ethyl methacrylate	10.757	69	80415	21.347	ug/l	93
57) 1,3-Dichloropropane	11.039	76	88562	21.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	92201	96.619	ug/l	97
59) 2-Hexanone	11.080	43	269544	103.004	ug/l	95
60) Dibromochloromethane	11.233	129	56474	23.964	ug/l	98
61) 1,2-Dibromoethane	11.339	107	51264	22.618	ug/l	98
64) Tetrachloroethene	10.974	164	38101	21.223	ug/l	97
65) Chlorobenzene	11.768	112	123964	20.572	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.833	131	51488	22.676	ug/l	97
67) Ethyl Benzene	11.839	91	225272	21.436	ug/l	96
68) m/p-Xylenes	11.951	106	163845	41.986	ug/l	85
69) o-Xylene	12.274	106	85862	22.696	ug/l	92
70) Styrene	12.292	104	135198	22.688	ug/l	95
71) Bromoform	12.451	173	40974	24.263	ug/l #	99
73) Isopropylbenzene	12.574	105	221521	22.259	ug/l	97
74) N-amyl acetate	12.380	43	71799	19.257	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	73722	21.385	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	61657m	24.254	ug/l	
77) Bromobenzene	12.857	156	49968	21.232	ug/l	85
78) n-propylbenzene	12.915	91	230923	21.063	ug/l	96
79) 2-Chlorotoluene	13.004	91	157486	21.869	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	187760	22.654	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	20618	21.157	ug/l	87
82) 4-Chlorotoluene	13.098	91	144741	21.592	ug/l	93
83) tert-Butylbenzene	13.321	119	156951	21.568	ug/l	90
84) 1,2,4-Trimethylbenzene	13.362	105	185997	23.194	ug/l	92
85) sec-Butylbenzene	13.498	105	208997	22.029	ug/l	96
86) p-Isopropyltoluene	13.609	119	168757	22.816	ug/l	93
87) 1,3-Dichlorobenzene	13.609	146	81673	21.442	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	79038	21.337	ug/l	94
89) n-Butylbenzene	13.939	91	119111	21.025	ug/l	97
90) Hexachloroethane	14.204	117	32722	20.380	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	80950	21.562	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	15298	22.226	ug/l	75
93) 1,2,4-Trichlorobenzene	15.262	180	35338	21.796	ug/l	96
94) Hexachlorobutadiene	15.362	225	22712	22.576	ug/l	98
95) Naphthalene	15.503	128	98543	19.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	36341	22.560	ug/l	98

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

