Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
Data File : VN074746.D
Acq On : 05 Oct 2022 18:48
Operator : JC\MD
Sample : VN1005WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 06 07:39:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	306270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	577195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	600912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	389793	53.714	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	8.171	113	300166	51.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	1293451	51.690	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.847	95	380860	50.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	122077	19.436	ug/l	91
3) Chloromethane	2.383	50	178023	19.059	ug/l	99
4) Vinyl Chloride	2.536	62	233451	20.186	ug/l	96
5) Bromomethane	2.953	94	170927	20.959	ug/l	93
6) Chloroethane	3.124	64	217743	25.446	ug/l	99
7) Trichlorofluoromethane	3.506	101	184785	20.273	ug/l	93
8) Diethyl Ether	3.983	74	92064	19.362	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	113402	20.309	ug/l	97
10) Methyl Iodide	4.606	142	141462	20.950	ug/l	98
11) Tert butyl alcohol	5.559	59	237280	97.627	ug/l	99
12) 1,1-Dichloroethene	4.359	96	114589	19.278	ug/l	96
13) Acrolein	4.206	56	57710	88.400	ug/l	100
14) Allyl chloride	5.047	41	216053	17.685	ug/l	89
15) Acrylonitrile	5.747	53	530068	99.993	ug/l	99
16) Acetone	4.459	43	403947	98.225	ug/l	99
17) Carbon Disulfide	4.742	76	311626	19.185	ug/l	98
18) Methyl Acetate	5.053	43	300554	19.740	ug/l	100
19) Methyl tert-butyl Ether	5.830	73	456235	19.729	ug/l	98
20) Methylene Chloride	5.306	84	144365	20.766	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	124499	19.581	ug/l	83
22) Diisopropyl ether	6.694	45	531476	20.484	ug/l	94
23) Vinyl Acetate	6.624	43	2006115	94.125	ug/l	96
24) 1,1-Dichloroethane	6.588	63	266391	19.914	ug/l	98
25) 2-Butanone	7.500	43	740761	99.251	ug/l	97
26) 2,2-Dichloropropane	7.500	77	210190	19.050	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	153259	20.248	ug/l	99
28) Bromochloromethane	7.824	49	133915	22.187	ug/l	100
29) Tetrahydrofuran	7.853	42	526193	101.157	ug/l	99
30) Chloroform	7.977	83	248731	20.300	ug/l	97
31) Cyclohexane	8.265	56	252198	20.107	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	206516	19.774	ug/l	97
36) 1,1-Dichloropropene	8.382	75	188948	20.017	ug/l	97
37) Ethyl Acetate	7.500	43	740761	19.565	ug/l #	49
38) Carbon Tetrachloride	8.371	117	171711	19.290	ug/l	95
39) Methylcyclohexane	9.606	83	242829	19.859	ug/l	94
40) Benzene	8.618	78	607212	19.871	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.794	41	153206	20.540	ug/l		97
42) 1,2-Dichloroethane	8.677	62	193791	20.204	ug/l		99
43) Isopropyl Acetate	8.700	43	459978	19.659	ug/l		99
44) Trichloroethene	9.359	130	126207	19.830	ug/l		96
45) 1,2-Dichloropropane	9.629	63	169426	20.477	ug/l		99
46) Dibromomethane	9.712	93	100563	20.713	ug/l		96
47) Bromodichloromethane	9.894	83	194873	19.646	ug/l	#	92
48) Methyl methacrylate	9.612	41	191294	19.914	ug/l	#	99
49) 1,4-Dioxane	9.700	88	73788	354.419	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	1481285	98.313	ug/l		100
52) Toluene	10.635	92	374719	20.413	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	238935	20.216	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	245706	19.256	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	146001	19.780	ug/l		97
56) Ethyl methacrylate	10.876	69	273968	20.380	ug/l		99
57) 1,3-Dichloropropane	11.171	76	260904	19.612	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	483098	99.632	ug/l		99
59) 2-Hexanone	11.200	43	1135795	99.662	ug/l		100
60) Dibromochloromethane	11.365	129	141850	19.508	ug/l		99
61) 1,2-Dibromoethane	11.470	107	146019	19.455	ug/l		99
64) Tetrachloroethene	11.106	164	97006	19.886	ug/l		89
65) Chlorobenzene	11.894	112	365080	19.832	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	128635	19.137	ug/l		97
67) Ethyl Benzene	11.970	91	700748	20.422	ug/l		98
68) m/p-Xylenes	12.070	106	525747	40.816	ug/l		97
69) o-Xylene	12.400	106	265790	20.113	ug/l		98
70) Styrene	12.412	104	411174	19.736	ug/l		99
71) Bromoform	12.576	173	96248	18.771	ug/l	#	97
73) Isopropylbenzene	12.700	105	660254	19.644	ug/l		99
74) N-amyl acetate	12.494	43	386418	19.015	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.941	83	255711	21.643	ug/l		96
76) 1,2,3-Trichloropropane	12.994	75	222495m	21.343	ug/l		
77) Bromobenzene	12.982	156	137618	21.373	ug/l		98
78) n-propylbenzene	13.035	91	752524	19.434	ug/l		99
79) 2-Chlorotoluene	13.129	91	448534	19.103	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	546825	20.400	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.741	75	100093	18.707	ug/l		93
82) 4-Chlorotoluene	13.223	91	411029	18.887	ug/l		97
83) tert-Butylbenzene	13.441	119	494434	21.345	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	537956	19.848	ug/l		98
85) sec-Butylbenzene	13.617	105	675692	20.073	ug/l		99
86) p-Isopropyltoluene	13.735	119	527331	20.300	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	244169	18.318	ug/l		99
88) 1,4-Dichlorobenzene	13.817	146	250527	19.898	ug/l		100
89) n-Butylbenzene	14.059	91	449185	19.619	ug/l		97
90) Hexachloroethane	14.335	117	110957	19.104	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	254655	19.838	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	52868	18.977	ug/l		94
93) 1,2,4-Trichlorobenzene	15.394	180	110531	19.684	ug/l		97
94) Hexachlorobutadiene	15.500	225	49174	18.721	ug/l		96
95) Naphthalene	15.641	128	493518	20.330	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	112170	19.654	ug/l		97

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

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