Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
Data File : VN070392.D
Acq On : 30 Dec 2021 11:57
Operator : JC/MD
Sample : VN1230WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 17:33:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1230WBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
Supervised By :Semsettin Yesilyurt 01/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1016705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1629138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1517199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	611647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	704965	48.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.440%			
35) Dibromofluoromethane	8.021	113	517081	52.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.920%			
50) Toluene-d8	10.443	98	2023775	50.259	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.731	95	717770	49.353	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	192809	16.722	ug/l	99
3) Chloromethane	2.303	50	261770	16.690	ug/l	100
4) Vinyl Chloride	2.448	62	233899	16.380	ug/l	97
5) Bromomethane	2.853	94	125379	17.011	ug/l	99
6) Chloroethane	3.017	64	137367	15.974	ug/l	96
7) Trichlorofluoromethane	3.373	101	269746	15.694	ug/l	97
8) Diethyl Ether	3.821	74	125062	16.506	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.207	101	180660	17.185	ug/l	96
10) Methyl Iodide	4.422	142	231227	16.253	ug/l	98
11) Tert butyl alcohol	5.382	59	212191	87.177	ug/l #	84
12) 1,1-Dichloroethene	4.178	96	168580	16.281	ug/l	95
13) Acrolein	4.041	56	134371	68.038	ug/l	99
14) Allyl chloride	4.838	41	408700	17.409	ug/l #	86
15) Acrylonitrile	5.556	53	697368	91.814	ug/l	99
16) Acetone	4.291	43	841903	88.719	ug/l	99
17) Carbon Disulfide	4.527	76	494536	17.497	ug/l	100
18) Methyl Acetate	4.856	43	487791	17.770	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	637074	16.567	ug/l	94
20) Methylene Chloride	5.092	84	216507	16.490	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	185476	16.918	ug/l	87
22) Diisopropyl ether	6.500	45	785779	17.184	ug/l	93
23) Vinyl Acetate	6.436	43	3095998	87.266	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	398192	16.794	ug/l	98
25) 2-Butanone	7.340	43	1079951	90.384	ug/l	91
26) 2,2-Dichloropropane	7.327	77	300300	16.055	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	216121	16.521	ug/l	85
28) Bromochloromethane	7.659	49	211610	18.250	ug/l #	76
29) Tetrahydrofuran	7.689	42	666826	93.539	ug/l #	87
30) Chloroform	7.817	83	383763	16.778	ug/l	100
31) Cyclohexane	8.094	56	397489	17.231	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	322415	16.717	ug/l	96
36) 1,1-Dichloropropene	8.222	75	283312	17.374	ug/l	95
37) Ethyl Acetate	7.415	43	384441	18.189	ug/l	96
38) Carbon Tetrachloride	8.206	117	280639	18.024	ug/l	100
39) Methylcyclohexane	9.461	83	330562	16.745	ug/l #	87
40) Benzene	8.461	78	871871	17.440	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.640	41	197020	18.636	ug/l		89
42) 1,2-Dichloroethane	8.531	62	315032	16.766	ug/l		99
43) Isopropyl Acetate	8.563	43	592246	17.772	ug/l	#	94
44) Trichloroethene	9.217	130	198816	16.738	ug/l		92
45) 1,2-Dichloropropane	9.491	63	238277	17.703	ug/l		98
46) Dibromomethane	9.579	93	149520	17.864	ug/l		94
47) Bromodichloromethane	9.762	83	310382	18.676	ug/l		99
48) Methyl methacrylate	9.561	41	274445	17.266	ug/l		85
49) 1,4-Dioxane	9.571	88	93157	400.369	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.330	43	1985219	94.807	ug/l		95
52) Toluene	10.505	92	528898	17.479	ug/l		99
53) t-1,3-Dichloropropene	10.719	75	318785	17.719	ug/l		98
54) cis-1,3-Dichloropropene	10.191	75	353211	18.149	ug/l		94
55) 1,1,2-Trichloroethane	10.899	97	212651	17.762	ug/l		97
56) Ethyl methacrylate	10.762	69	343062	17.342	ug/l	#	88
57) 1,3-Dichloropropane	11.046	76	372625	17.597	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.043	63	294265	72.436	ug/l		90
59) 2-Hexanone	11.087	43	1477151	96.735	ug/l		94
60) Dibromochloromethane	11.237	129	224122	19.186	ug/l		99
61) 1,2-Dibromoethane	11.347	107	213453	17.559	ug/l		98
64) Tetrachloroethene	10.977	164	180149	16.397	ug/l		95
65) Chlorobenzene	11.771	112	546468	16.975	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.840	131	204030	17.754	ug/l		99
67) Ethyl Benzene	11.846	91	1009000	17.107	ug/l		96
68) m/p-Xylenes	11.953	106	747494	34.816	ug/l		93
69) o-Xylene	12.280	106	367281	17.199	ug/l		92
70) Styrene	12.294	104	594388	17.586	ug/l		96
71) Bromoform	12.457	173	177427	20.803	ug/l	#	100
73) Isopropylbenzene	12.578	105	958067	16.867	ug/l		98
74) N-amyl acetate	12.387	43	411437	17.227	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.827	83	346643	17.675	ug/l		97
76) 1,2,3-Trichloropropane	12.881	75	297858m	18.284	ug/l		
77) Bromobenzene	12.862	156	226195	17.346	ug/l		78
78) n-propylbenzene	12.921	91	1093905	17.382	ug/l		96
79) 2-Chlorotoluene	13.007	91	686617	17.004	ug/l		92
80) 1,3,5-Trimethylbenzene	13.061	105	787944	17.311	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.626	75	98627	19.701	ug/l		97
82) 4-Chlorotoluene	13.106	91	643864	17.022	ug/l		92
83) tert-Butylbenzene	13.323	119	658957	16.441	ug/l		93
84) 1,2,4-Trimethylbenzene	13.369	105	765599	17.468	ug/l		98
85) sec-Butylbenzene	13.500	105	931845	17.125	ug/l		98
86) p-Isopropyltoluene	13.616	119	732897	17.146	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	374633	17.161	ug/l		97
88) 1,4-Dichlorobenzene	13.696	146	363299	16.871	ug/l		96
89) n-Butylbenzene	13.943	91	579946	16.266	ug/l		97
90) Hexachloroethane	14.211	117	153933	20.730	ug/l		89
91) 1,2-Dichlorobenzene	13.989	146	363729	16.996	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	62194	18.902	ug/l		80
93) 1,2,4-Trichlorobenzene	15.265	180	166595	16.521	ug/l		98
94) Hexachlorobutadiene	15.370	225	106546	18.181	ug/l		98
95) Naphthalene	15.507	128	428737	16.628	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	163248	17.472	ug/l		98

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

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

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