Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055907.D
Acq On : 6 Dec 2022 17:23
Operator : CG/JU
Sample : N5884-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 07 05:10:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EO-3-120522MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.162	152	31116	20.000	ng		0.00
21) Naphthalene-d8	10.994	136	132718	20.000	ng		0.00
39) Acenaphthene-d10	14.801	164	92224	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	200101	20.000	ng		0.00
76) Chrysene-d12	21.828	240	188554	20.000	ng		0.00
86) Perylene-d12	25.183	264	196364	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.700	112	225926	131.240	ng		0.00
7) Phenol-d6	7.328	99	298534	130.275	ng		0.00
23) Nitrobenzene-d5	9.343	82	192927	76.833	ng		0.00
42) 2,4,6-Tribromophenol	16.294	330	145569	112.094	ng		0.00
45) 2-Fluorobiphenyl	13.427	172	437988	71.149	ng		0.00
79) Terphenyl-d14	20.130	244	648839	68.827	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	26613	36.175	ng		94
3) Pyridine	3.914	79	77319	34.259	ng		95
4) n-Nitrosodimethylamine	3.826	42	53174	44.502	ng		93
6) Aniline	7.481	93	55710	19.355	ng		99
8) 2-Chlorophenol	7.733	128	100004	50.816	ng		97
9) Benzaldehyde	7.293	77	50576m	32.498	ng		
10) Phenol	7.357	94	127755	49.791	ng		96
11) bis(2-Chloroethyl)ether	7.575	93	89078	45.301	ng		99
12) 1,3-Dichlorobenzene	8.056	146	106870	46.189	ng		98
13) 1,4-Dichlorobenzene	8.203	146	109526	46.845	ng		96
14) 1,2-Dichlorobenzene	8.526	146	106713	47.630	ng		98
15) Benzyl Alcohol	8.409	79	92868m	49.865	ng		
16) 2,2'-oxybis(1-Chloropr...	8.691	45	173421	48.719	ng		100
17) 2-Methylphenol	8.620	107	89668	49.223	ng		99
18) Hexachloroethane	9.261	117	43022	53.462	ng	#	90
19) n-Nitroso-di-n-propyla...	8.973	70	76157	43.254	ng		95
20) 3+4-Methylphenols	8.949	107	120868	47.498	ng		97
22) Acetophenone	8.996	105	163174	47.315	ng	#	95
24) Nitrobenzene	9.390	77	117751	44.895	ng		99
25) Isophorone	9.907	82	218571	45.941	ng	#	94
26) 2-Nitrophenol	10.101	139	58841	48.598	ng		87
27) 2,4-Dimethylphenol	10.160	122	97439	52.877	ng		98
28) bis(2-Chloroethoxy)met...	10.383	93	120863	47.320	ng		97
29) 2,4-Dichlorophenol	10.647	162	104979	47.596	ng		98
30) 1,2,4-Trichlorobenzene	10.859	180	116020	45.277	ng		97
31) Naphthalene	11.047	128	323935	45.151	ng		98
32) Benzoic acid	10.336	122	51083	33.694	ng	#	71
33) 4-Chloroaniline	11.159	127	60348	20.391	ng		99
34) Hexachlorobutadiene	11.323	225	76717	43.845	ng		97
35) Caprolactam	11.946	113	36971m	48.438	ng		
36) 4-Chloro-3-methylphenol	12.275	107	110519	45.590	ng		97
37) 2-Methylnaphthalene	12.645	142	254449	47.367	ng		98
38) 1-Methylnaphthalene	12.862	142	236534	45.357	ng		99
40) 1,2,4,5-Tetrachloroben...	13.009	216	141283	48.749	ng		99
41) Hexachlorocyclopentadiene	12.980	237	24252	16.603	ng		98
43) 2,4,6-Trichlorophenol	13.250	196	88716	44.875	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.333	196	94463	43.480	ng		96
46) 1,1'-Biphenyl	13.638	154	316443	47.086	ng		99
47) 2-Chloronaphthalene	13.691	162	235508	45.085	ng		99
48) 2-Nitroaniline	13.891	65	79622	46.362	ng		100
49) Acenaphthylene	14.531	152	382152	44.427	ng		99
50) Dimethylphthalate	14.249	163	292716	39.816	ng		99
51) 2,6-Dinitrotoluene	14.378	165	64976	43.225	ng		97
52) Acenaphthene	14.866	154	245913m	43.742	ng		
53) 3-Nitroaniline	14.707	138	48813	29.581	ng		98
54) 2,4-Dinitrophenol	14.931	184	24187	27.985	ng		96
55) Dibenzofuran	15.201	168	378588	43.653	ng		98
56) 4-Nitrophenol	15.031	139	94388	72.880	ng		90
57) 2,4-Dinitrotoluene	15.166	165	90339	42.626	ng	#	96
58) Fluorene	15.847	166	303897	43.872	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.430	232	83608m	39.717	ng		
60) Diethylphthalate	15.600	149	288022	38.750	ng		98
61) 4-Chlorophenyl-phenyle...	15.830	204	160626	42.185	ng		98
62) 4-Nitroaniline	15.871	138	54148	31.391	ng		90
63) Azobenzene	16.123	77	271753	41.878	ng		97
65) 4,6-Dinitro-2-methylph...	15.935	198	23611	21.131	ng		90
66) n-Nitrosodiphenylamine	16.041	169	262333	47.571	ng		98
67) 4-Bromophenyl-phenylether	16.723	248	104738	45.939	ng		98
68) Hexachlorobenzene	16.852	284	113441	44.873	ng		99
69) Atrazine	16.987	200	102727	47.101	ng		98
70) Pentachlorophenol	17.199	266	105734m	68.370	ng		
71) Phenanthrene	17.586	178	546861	50.643	ng		99
72) Anthracene	17.680	178	489295	46.636	ng		99
73) Carbazole	17.945	167	412679	43.753	ng		99
74) Di-n-butylphthalate	18.474	149	490153	41.851	ng		99
75) Fluoranthene	19.590	202	643637	48.995	ng		99
77) Benzidine	19.760	184	199547	45.746	ng		100
78) Pyrene	19.948	202	661470	51.828	ng		99
80) Butylbenzylphthalate	20.806	149	213501	42.731	ng		96
81) Benzo(a)anthracene	21.811	228	630326	48.536	ng		99
82) 3,3'-Dichlorobenzidine	21.711	252	74469	16.319	ng		96
83) Chrysene	21.875	228	586007	47.399	ng		99
84) Bis(2-ethylhexyl)phtha...	21.670	149	314490	43.798	ng		99
85) Di-n-octyl phthalate	22.915	149	547166	44.528	ng		96
87) Indeno(1,2,3-cd)pyrene	29.067	276	528193	32.834	ng	#	75
88) Benzo(b)fluoranthene	24.114	252	640919	50.118	ng		98
89) Benzo(k)fluoranthene	24.185	252	623685	48.926	ng		99
90) Benzo(a)pyrene	25.031	252	575290	52.423	ng		99
91) Dibenzo(a,h)anthracene	29.108	278	479520	36.478	ng		100
92) Benzo(g,h,i)perylene	30.266	276	404119	30.501	ng		100

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

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