Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055871.D
Acq On : 2 Dec 2022 12:46
Operator : CG/JU
Sample : PB149361BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 15:03:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149361BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	30919	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	148359	20.000	ng	0.00
39) Acenaphthene-d10	14.834	164	121307	20.000	ng	0.00
64) Phenanthrene-d10	17.572	188	290034	20.000	ng	0.00
76) Chrysene-d12	21.861	240	269152	20.000	ng	0.00
86) Perylene-d12	25.239	264	270392	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	241691	141.292	ng	0.00
7) Phenol-d6	7.354	99	323775	142.190	ng	0.00
23) Nitrobenzene-d5	9.376	82	201655	71.842	ng	-0.01
42) 2,4,6-Tribromophenol	16.320	330	200189	117.196	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	553210	68.321	ng	0.00
79) Terphenyl-d14	20.157	244	1050115	78.036	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	21396	29.269	ng	99
3) Pyridine	3.964	79	62180	27.727	ng	99
4) n-Nitrosodimethylamine	3.876	42	45476	38.302	ng	99
6) Aniline	7.513	93	119801	41.887	ng	99
8) 2-Chlorophenol	7.766	128	93150	47.635	ng	99
9) Benzaldehyde	7.325	77	48830m	31.576	ng	
10) Phenol	7.384	94	119988	47.062	ng	99
11) bis(2-Chloroethyl)ether	7.607	93	79560	40.719	ng	98
12) 1,3-Dichlorobenzene	8.089	146	91277	39.701	ng	100
13) 1,4-Dichlorobenzene	8.236	146	92562	39.842	ng	99
14) 1,2-Dichlorobenzene	8.559	146	91284	41.003	ng	97
15) Benzyl Alcohol	8.441	79	84358m	45.584	ng	
16) 2,2'-oxybis(1-Chloropr...	8.723	45	148084m	41.866	ng	
17) 2-Methylphenol	8.647	107	86129	47.582	ng	99
18) Hexachloroethane	9.293	117	32683	40.873	ng	98
19) n-Nitroso-di-n-propyla...	9.005	70	75704	43.271	ng	99
20) 3+4-Methylphenols	8.976	107	119766	47.364	ng	100
22) Acetophenone	9.029	105	144556	37.497	ng	97
24) Nitrobenzene	9.417	77	107583	36.694	ng	98
25) Isophorone	9.940	82	219228	41.221	ng	98
26) 2-Nitrophenol	10.134	139	56200	41.523	ng	93
27) 2,4-Dimethylphenol	10.186	122	100699m	48.885	ng	
28) bis(2-Chloroethoxy)met...	10.416	93	120483	42.198	ng	100
29) 2,4-Dichlorophenol	10.680	162	105450	42.769	ng	98
30) 1,2,4-Trichlorobenzene	10.891	180	105344	36.777	ng	99
31) Naphthalene	11.079	128	291038	36.289	ng	99
32) Benzoic acid	10.357	122	45299m	26.729	ng	
33) 4-Chloroaniline	11.185	127	104379	31.550	ng	99
34) Hexachlorobutadiene	11.356	225	69833	35.703	ng	95
35) Caprolactam	11.967	113	37278m	43.692	ng	
36) 4-Chloro-3-methylphenol	12.302	107	121267	44.750	ng	96
37) 2-Methylnaphthalene	12.672	142	233128	38.823	ng	97
38) 1-Methylnaphthalene	12.889	142	219846	37.712	ng	99
40) 1,2,4,5-Tetrachloroben...	13.036	216	137179	35.985	ng	99
41) Hexachlorocyclopentadiene	13.013	237	103361	53.797	ng	100
43) 2,4,6-Trichlorophenol	13.277	196	94417	36.309	ng	99

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44) 2,4,5-Trichlorophenol	13.353	196	104314	36.503	ng		97
46) 1,1'-Biphenyl	13.671	154	325965	36.875	ng		99
47) 2-Chloronaphthalene	13.718	162	247005	35.949	ng		99
48) 2-Nitroaniline	13.917	65	88524	39.187	ng		96
49) Acenaphthylene	14.558	152	414929	36.673	ng		100
50) Dimethylphthalate	14.276	163	363938	37.635	ng		99
51) 2,6-Dinitrotoluene	14.405	165	78831	39.869	ng		98
52) Acenaphthene	14.899	154	296690m	40.122	ng		
53) 3-Nitroaniline	14.740	138	68156	31.401	ng		98
54) 2,4-Dinitrophenol	14.951	184	85692	75.378	ng		97
55) Dibenzofuran	15.228	168	419562	36.779	ng		99
56) 4-Nitrophenol	15.051	139	114355	67.128	ng		98
57) 2,4-Dinitrotoluene	15.192	165	115270	41.349	ng		93
58) Fluorene	15.874	166	338386	37.139	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.457	232	96836	34.972	ng		97
60) Diethylphthalate	15.627	149	367605	37.600	ng		99
61) 4-Chlorophenyl-phenyle...	15.856	204	190026	37.941	ng		99
62) 4-Nitroaniline	15.897	138	85358	37.620	ng		98
63) Azobenzene	16.150	77	312508	36.613	ng		99
65) 4,6-Dinitro-2-methylph...	15.962	198	64988	40.128	ng		94
66) n-Nitrosodiphenylamine	16.074	169	306696	38.370	ng		99
67) 4-Bromophenyl-phenylether	16.749	248	128372	38.846	ng		99
68) Hexachlorobenzene	16.879	284	141102	38.508	ng		98
69) Atrazine	17.014	200	130819	41.382	ng		99
70) Pentachlorophenol	17.225	266	159176	71.012	ng		99
71) Phenanthrene	17.619	178	575363	36.761	ng		100
72) Anthracene	17.707	178	580573	38.177	ng		99
73) Carbazole	17.977	167	527325	38.572	ng		99
74) Di-n-butylphthalate	18.506	149	633951	37.345	ng		99
75) Fluoranthene	19.617	202	685125	35.981	ng		100
77) Benzidine	19.781	184	284939	45.761	ng		99
78) Pyrene	19.975	202	693190	38.049	ng		100
80) Butylbenzylphthalate	20.833	149	274091	38.431	ng		100
81) Benzo(a)anthracene	21.843	228	692001	37.329	ng		100
82) 3,3'-Dichlorobenzidine	21.743	252	232499	35.692	ng		99
83) Chrysene	21.914	228	651653	36.925	ng		100
84) Bis(2-ethylhexyl)phtha...	21.708	149	397066	38.739	ng		99
85) Di-n-octyl phthalate	22.960	149	674306	38.442	ng		100
87) Indeno(1,2,3-cd)pyrene	29.141	276	819339	36.988	ng	#	96
88) Benzo(b)fluoranthene	24.158	252	714414	40.570	ng		99
89) Benzo(k)fluoranthene	24.235	252	719490	40.989	ng		99
90) Benzo(a)pyrene	25.087	252	644056	42.621	ng		99
91) Dibenzo(a,h)anthracene	29.199	278	705455	38.972	ng		99
92) Benzo(g,h,i)perylene	30.363	276	690463	37.846	ng		99

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

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