Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
Data File : BG060226.D
Acq On : 3 Jan 2024 14:12
Operator : MA/JU
Sample : PB158041BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 03 15:10:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158041BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	205733	20.000	ng		0.00
21) Naphthalene-d8	10.738	136	876888	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	691428	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	1655955	20.000	ng		0.00
76) Chrysene-d12	21.590	240	1455093	20.000	ng		0.00
86) Perylene-d12	24.763	264	1574318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.509	112	1985336	145.652	ng		0.00
7) Phenol-d6	7.101	99	2900720	143.328	ng		0.00
23) Nitrobenzene-d5	9.099	82	1702705	89.690	ng		0.00
42) 2,4,6-Tribromophenol	16.067	330	1352679	146.149	ng		0.00
45) 2-Fluorobiphenyl	13.194	172	4060497	84.403	ng		0.00
79) Terphenyl-d14	19.945	244	5423100	71.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	193127	31.846	ng		99
3) Pyridine	3.799	79	490254	28.505	ng		98
4) n-Nitrosodimethylamine	3.717	42	251203	39.152	ng	#	92
6) Aniline	7.260	93	673119	33.196	ng		96
8) 2-Chlorophenol	7.501	128	672935	51.369	ng		98
10) Phenol	7.131	94	1061432	52.008	ng		95
11) bis(2-Chloroethyl)ether	7.354	93	738864	44.739	ng		99
12) 1,3-Dichlorobenzene	7.824	146	681686	42.154	ng		99
13) 1,4-Dichlorobenzene	7.971	146	681834	41.706	ng		97
14) 1,2-Dichlorobenzene	8.288	146	689289	43.127	ng		97
15) Benzyl Alcohol	8.171	79	675238	53.752	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.465	45	974751m	45.989	ng		
17) 2-Methylphenol	8.376	107	677384	53.007	ng		99
18) Hexachloroethane	9.017	117	231069	44.877	ng		97
19) n-Nitroso-di-n-propyla...	8.735	70	640095	46.297	ng		99
20) 3+4-Methylphenols	8.705	107	929472	51.318	ng		98
22) Acetophenone	8.758	105	1172203	45.118	ng	#	96
24) Nitrobenzene	9.140	77	874120	45.003	ng		98
25) Isophorone	9.657	82	1752294	44.117	ng		100
26) 2-Nitrophenol	9.851	139	366844	54.123	ng		96
27) 2,4-Dimethylphenol	9.910	122	612299	63.775	ng		97
28) bis(2-Chloroethoxy)met...	10.145	93	1084516	46.619	ng		99
29) 2,4-Dichlorophenol	10.386	162	820674	54.085	ng		98
30) 1,2,4-Trichlorobenzene	10.603	180	797829	43.200	ng		99
31) Naphthalene	10.791	128	2068498	44.682	ng		100
32) Benzoic acid	10.057	122	457753	52.206	ng		94
33) 4-Chloroaniline	10.897	127	423033	23.398	ng		99
34) Hexachlorobutadiene	11.073	225	458140	41.710	ng		99
35) Caprolactam	11.673	113	270766m	53.644	ng		
36) 4-Chloro-3-methylphenol	12.025	107	830441	53.179	ng		99
37) 2-Methylnaphthalene	12.395	142	1551974	46.413	ng		99
38) 1-Methylnaphthalene	12.619	142	1525824	45.132	ng		98
40) 1,2,4,5-Tetrachloroben...	12.765	216	997436	45.035	ng		99
41) Hexachlorocyclopentadiene	12.748	237	974098	136.071	ng		100
43) 2,4,6-Trichlorophenol	13.006	196	736629	50.613	ng		98
44) 2,4,5-Trichlorophenol	13.083	196	828998	50.917	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.406	154	2322804	45.661	ng		98
47)	2-Chloronaphthalene	13.453	162	1920461	44.311	ng		99
48)	2-Nitroaniline	13.653	65	608044	53.683	ng		98
49)	Acenaphthylene	14.299	152	3096929	49.593	ng		96
50)	Dimethylphthalate	14.029	163	2534576	47.479	ng		99
51)	2,6-Dinitrotoluene	14.146	165	557884	50.244	ng		95
52)	Acenaphthene	14.640	154	1765400	45.304	ng		98
53)	3-Nitroaniline	14.481	138	341299	32.621	ng	#	92
54)	2,4-Dinitrophenol	14.687	184	686220	103.437	ng		96
55)	Dibenzofuran	14.975	168	3028077	46.390	ng		98
56)	4-Nitrophenol	14.792	139	909610	115.017	ng		98
57)	2,4-Dinitrotoluene	14.939	165	794215	52.603	ng	#	98
58)	Fluorene	15.621	166	2468291	46.105	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.198	232	743209	52.371	ng		99
60)	Diethylphthalate	15.392	149	2443162	47.991	ng		99
61)	4-Chlorophenyl-phenyle...	15.615	204	1284951	46.095	ng		99
62)	4-Nitroaniline	15.650	138	536232	48.628	ng		97
63)	Azobenzene	15.909	77	2490225	47.182	ng		98
65)	4,6-Dinitro-2-methylph...	15.697	198	444691	53.668	ng		92
66)	n-Nitrosodiphenylamine	15.832	169	2214226	49.621	ng		100
67)	4-Bromophenyl-phenylether	16.508	248	832918	47.442	ng		96
68)	Hexachlorobenzene	16.626	284	951463	46.222	ng		97
69)	Atrazine	16.778	200	663853	40.478	ng		99
70)	Pentachlorophenol	16.972	266	1171356	103.585	ng		98
71)	Phenanthrene	17.366	178	3837776	46.887	ng		96
72)	Anthracene	17.454	178	3913337	48.132	ng		95
73)	Carbazole	17.724	167	3633284	47.116	ng		97
74)	Di-n-butylphthalate	18.288	149	3733690	49.963	ng		98
75)	Fluoranthene	19.381	202	4227416	44.030	ng		96
77)	Benzidine	19.563	184	1214237	30.151	ng		100
78)	Pyrene	19.740	202	4392466	44.907	ng		97
80)	Butylbenzylphthalate	20.633	149	1763161	61.133	ng		97
81)	Benzo(a)anthracene	21.573	228	4376841	47.309	ng		96
82)	3,3'-Dichlorobenzidine	21.490	252	1470224	43.701	ng		98
83)	Chrysene	21.637	228	4190481	46.623	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.479	149	2611858	59.716	ng		98
85)	Di-n-octyl phthalate	22.671	149	4369678	61.034	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.388	276	5629942	50.723	ng	#	93
88)	Benzo(b)fluoranthene	23.758	252	4607398	48.700	ng		97
89)	Benzo(k)fluoranthene	23.829	252	4711433	49.478	ng		99
90)	Benzo(a)pyrene	24.616	252	4208344	49.167	ng		99
91)	Dibenzo(a,h)anthracene	28.453	278	4644583	50.929	ng		97
92)	Benzo(g,h,i)perylene	29.522	276	4522299	48.956	ng		99

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

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