Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055452.D
Acq On : 4 Nov 2022 13:33
Operator : CG/JU
Sample : PB148769BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 05 00:01:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148769BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	25106	20.000	ng		0.00
21) Naphthalene-d8	11.061	136	115020	20.000	ng		0.00
39) Acenaphthene-d10	14.850	164	86125	20.000	ng		0.00
64) Phenanthrene-d10	17.583	188	203560	20.000	ng		0.00
76) Chrysene-d12	21.854	240	193346	20.000	ng		0.00
86) Perylene-d12	25.227	264	208128	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.755	112	227448	162.695	ng		0.00
7) Phenol-d6	7.383	99	301605	155.573	ng		0.00
23) Nitrobenzene-d5	9.410	82	177782	82.376	ng		0.00
42) 2,4,6-Tribromophenol	16.331	330	171890	146.319	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	482338	83.035	ng		0.00
79) Terphenyl-d14	20.156	244	874976	87.999	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	20444	32.241	ng		98
3) Pyridine	3.975	79	55049	29.253	ng		98
4) n-Nitrosodimethylamine	3.887	42	30775	41.397	ng		99
6) Aniline	7.547	93	111704	44.425	ng		98
8) 2-Chlorophenol	7.794	128	85869	50.553	ng		99
9) Benzaldehyde	7.359	77	37221	32.657	ng		98
10) Phenol	7.412	94	110239	50.239	ng		98
11) bis(2-Chloroethyl)ether	7.635	93	72182	43.968	ng		97
12) 1,3-Dichlorobenzene	8.117	146	85425	44.370	ng		99
13) 1,4-Dichlorobenzene	8.264	146	87330	44.535	ng		98
14) 1,2-Dichlorobenzene	8.593	146	85693	45.656	ng		98
15) Benzyl Alcohol	8.470	79	75558	48.867	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.752	45	95376	43.666	ng		98
17) 2-Methylphenol	8.675	107	78094	49.463	ng		99
18) Hexachloroethane	9.327	117	29593	44.239	ng		92
19) n-Nitroso-di-n-propyla...	9.040	70	65462	43.213	ng		98
20) 3+4-Methylphenols	9.004	107	106192	47.337	ng		99
22) Acetophenone	9.063	105	130279	43.213	ng	#	99
24) Nitrobenzene	9.451	77	93206	41.423	ng		97
25) Isophorone	9.974	82	186745	43.692	ng		99
26) 2-Nitrophenol	10.168	139	51152	44.150	ng		97
27) 2,4-Dimethylphenol	10.215	122	86560	53.283	ng		95
28) bis(2-Chloroethoxy)met...	10.450	93	107426	47.188	ng		99
29) 2,4-Dichlorophenol	10.708	162	93167	47.014	ng		98
30) 1,2,4-Trichlorobenzene	10.920	180	90012	41.946	ng		98
31) Naphthalene	11.114	128	269016	41.541	ng		100
32) Benzoic acid	10.391	122	39197m	41.431	ng		
33) 4-Chloroaniline	11.219	127	93475	34.738	ng		98
34) Hexachlorobutadiene	11.384	225	56699	42.507	ng		99
35) Caprolactam	11.995	113	33065m	45.065	ng		
36) 4-Chloro-3-methylphenol	12.324	107	101927	46.975	ng		100
37) 2-Methylnaphthalene	12.700	142	202178	42.503	ng		100
38) 1-Methylnaphthalene	12.917	142	194676	41.960	ng		99
40) 1,2,4,5-Tetrachloroben...	13.058	216	110701	43.512	ng		99
41) Hexachlorocyclopentadiene	13.035	237	125588	101.537	ng		95
43) 2,4,6-Trichlorophenol	13.299	196	79669	44.968	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.376	196	88964	45.081	ng		98
46)	1,1'-Biphenyl	13.687	154	280049	44.190	ng		99
47)	2-Chloronaphthalene	13.740	162	217697	42.751	ng		100
48)	2-Nitroaniline	13.940	65	65478	41.863	ng		97
49)	Acenaphthylene	14.580	152	356804	42.672	ng		99
50)	Dimethylphthalate	14.292	163	307657	42.796	ng		99
51)	2,6-Dinitrotoluene	14.422	165	66074	43.902	ng		99
52)	Acenaphthene	14.915	154	209824	42.163	ng		100
53)	3-Nitroaniline	14.756	138	59600	35.234	ng		97
54)	2,4-Dinitrophenol	14.968	184	76862	84.206	ng		95
55)	Dibenzofuran	15.244	168	354444	43.030	ng		99
56)	4-Nitrophenol	15.068	139	108515	93.561	ng		97
57)	2,4-Dinitrotoluene	15.209	165	97718	45.409	ng		96
58)	Fluorene	15.890	166	285748	42.703	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.473	232	79049	44.549	ng		97
60)	Diethylphthalate	15.644	149	319498	42.765	ng		99
61)	4-Chlorophenyl-phenyle...	15.873	204	153694	44.427	ng		98
62)	4-Nitroaniline	15.914	138	74261	41.495	ng		98
63)	Azobenzene	16.167	77	259469	41.780	ng		99
65)	4,6-Dinitro-2-methylph...	15.973	198	57595	43.925	ng		98
66)	n-Nitrosodiphenylamine	16.084	169	262359	43.351	ng		99
67)	4-Bromophenyl-phenylether	16.766	248	105438	43.818	ng		97
68)	Hexachlorobenzene	16.889	284	121232	44.179	ng		97
69)	Atrazine	17.024	200	106719	52.524	ng		99
70)	Pentachlorophenol	17.236	266	113555	79.851	ng		99
71)	Phenanthrene	17.630	178	485654	42.415	ng		100
72)	Anthracene	17.718	178	491802	43.821	ng		100
73)	Carbazole	17.988	167	457268	43.793	ng		100
74)	Di-n-butylphthalate	18.511	149	550919	42.245	ng		100
75)	Fluoranthene	19.615	202	580027	42.114	ng		99
77)	Benzidine	19.786	184	298845	74.241	ng		100
78)	Pyrene	19.980	202	579497	42.486	ng		100
80)	Butylbenzylphthalate	20.832	149	240397	42.274	ng		100
81)	Benzo(a)anthracene	21.836	228	569611	42.917	ng		100
82)	3,3'-Dichlorobenzidine	21.742	252	192179	42.224	ng		99
83)	Chrysene	21.907	228	531612	41.984	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.695	149	359279	43.464	ng		100
85)	Di-n-octyl phthalate	22.947	149	607593	42.899	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.110	276	715001	42.788	ng	#	90
88)	Benzo(b)fluoranthene	24.151	252	610910	46.210	ng		100
89)	Benzo(k)fluoranthene	24.222	252	611197	46.005	ng		99
90)	Benzo(a)pyrene	25.068	252	549718	48.089	ng		99
91)	Dibenzo(a,h)anthracene	29.163	278	626408	45.436	ng		99
92)	Benzo(g,h,i)perylene	30.332	276	617685	45.049	ng		99

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

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