Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
Data File : BG055621.D
Acq On : 15 Nov 2022 13:20
Operator : CG/JU
Sample : PB148810BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 16 01:40:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:36:26 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148810BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.261	152	42292	20.000	ng		0.00
21) Naphthalene-d8	11.087	136	198972	20.000	ng		0.00
39) Acenaphthene-d10	14.882	164	158362	20.000	ng		0.00
64) Phenanthrene-d10	17.620	188	388556	20.000	ng		0.00
76) Chrysene-d12	21.921	240	354223	20.000	ng		0.00
86) Perylene-d12	25.341	264	371224	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.787	112	310917	140.029	ng		0.00
7) Phenol-d6	7.397	99	421951	137.575	ng		0.00
23) Nitrobenzene-d5	9.430	82	253049	86.216	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	245212	158.698	ng		0.00
45) 2-Fluorobiphenyl	13.508	172	665491	63.388	ng		0.00
79) Terphenyl-d14	20.212	244	1251994	70.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	29470	26.131	ng		90
3) Pyridine	4.030	79	82839	26.417	ng		97
4) n-Nitrosodimethylamine	3.942	42	60142	35.237	ng		97
6) Aniline	7.573	93	143943	35.333	ng		99
8) 2-Chlorophenol	7.814	128	116792	46.984	ng		97
9) Benzaldehyde	7.385	77	27823	11.498	ng		97
10) Phenol	7.426	94	155555	44.056	ng		98
11) bis(2-Chloroethyl)ether	7.662	93	103885	36.544	ng		98
12) 1,3-Dichlorobenzene	8.149	146	116615	37.555	ng		98
13) 1,4-Dichlorobenzene	8.296	146	118184	37.608	ng		96
14) 1,2-Dichlorobenzene	8.619	146	117153	39.256	ng		98
15) Benzyl Alcohol	8.490	79	114281m	42.728	ng		
16) 2,2'-oxybis(1-Chloropr...	8.784	45	190119	34.806	ng		98
17) 2-Methylphenol	8.690	107	109008	43.872	ng		98
18) Hexachloroethane	9.354	117	41099	39.394	ng		99
19) n-Nitroso-di-n-propyla...	9.066	70	96926	38.239	ng		98
20) 3+4-Methylphenols	9.019	107	149448	43.175	ng		97
22) Acetophenone	9.083	105	182177	34.419	ng	#	100
24) Nitrobenzene	9.471	77	135303	40.070	ng		97
25) Isophorone	10.000	82	272300	36.314	ng		99
26) 2-Nitrophenol	10.188	139	66287	58.895	ng	#	88
27) 2,4-Dimethylphenol	10.235	122	125404m	46.776	ng		
28) bis(2-Chloroethoxy)met...	10.476	93	150094	37.125	ng		99
29) 2,4-Dichlorophenol	10.729	162	128480	43.608	ng		96
30) 1,2,4-Trichlorobenzene	10.946	180	130302	35.306	ng		99
31) Naphthalene	11.140	128	363532	33.793	ng		99
32) Benzoic acid	10.370	122	88837	52.415	ng		99
33) 4-Chloroaniline	11.240	127	125872	27.993	ng		94
34) Hexachlorobutadiene	11.416	225	85294	34.653	ng		97
35) Caprolactam	12.003	113	45944m	45.744	ng		
36) 4-Chloro-3-methylphenol	12.338	107	145963	42.029	ng		99
37) 2-Methylnaphthalene	12.726	142	282851	34.995	ng		100
38) 1-Methylnaphthalene	12.944	142	267997	33.898	ng		98
40) 1,2,4,5-Tetrachloroben...	13.090	216	161936	34.233	ng		99
41) Hexachlorocyclopentadiene	13.067	237	208961	103.184	ng		97
43) 2,4,6-Trichlorophenol	13.320	196	117811	42.356	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.390	196	131734	41.371	ng		99
46)	1,1'-Biphenyl	13.719	154	386189	33.334	ng		98
47)	2-Chloronaphthalene	13.766	162	293886	32.842	ng		99
48)	2-Nitroaniline	13.960	65	106415	46.312	ng		98
49)	Acenaphthylene	14.606	152	500279	33.788	ng		99
50)	Dimethylphthalate	14.324	163	428643	35.621	ng		100
51)	2,6-Dinitrotoluene	14.448	165	90609	43.174	ng		93
52)	Acenaphthene	14.947	154	362422m	39.208	ng		
53)	3-Nitroaniline	14.777	138	78352	32.121	ng	#	90
54)	2,4-Dinitrophenol	14.982	184	112322	150.124	ng	#	75
55)	Dibenzofuran	15.276	168	497772	33.684	ng		98
56)	4-Nitrophenol	15.070	139	163000	91.478	ng		99
57)	2,4-Dinitrotoluene	15.229	165	131749	47.216	ng	#	94
58)	Fluorene	15.922	166	399402	33.972	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.493	232	125691	42.587	ng		98
60)	Diethylphthalate	15.676	149	432991	35.370	ng		100
61)	4-Chlorophenyl-phenyle...	15.911	204	222851	35.636	ng		98
62)	4-Nitroaniline	15.934	138	101056	42.358	ng		99
63)	Azobenzene	16.199	77	380961	32.106	ng		98
65)	4,6-Dinitro-2-methylph...	15.993	198	76448	57.245	ng		98
66)	n-Nitrosodiphenylamine	16.122	169	368081	33.815	ng		98
67)	4-Bromophenyl-phenylether	16.804	248	149036	37.598	ng		97
68)	Hexachlorobenzene	16.927	284	165029	35.019	ng		97
69)	Atrazine	17.056	200	117122	29.732	ng		98
70)	Pentachlorophenol	17.268	266	216534	83.870	ng		99
71)	Phenanthrene	17.667	178	686841	32.891	ng		99
72)	Anthracene	17.756	178	700730	34.241	ng		99
73)	Carbazole	18.020	167	630508	34.090	ng		99
74)	Di-n-butylphthalate	18.561	149	747361	35.244	ng		99
75)	Fluoranthene	19.659	202	812942	32.645	ng		99
77)	Benzidine	19.830	184	364921	38.079	ng		99
78)	Pyrene	20.023	202	821034	34.248	ng		99
80)	Butylbenzylphthalate	20.893	149	324007	36.362	ng		94
81)	Benzo(a)anthracene	21.904	228	818889	33.751	ng		100
82)	3,3'-Dichlorobenzidine	21.804	252	298752	37.728	ng		100
83)	Chrysene	21.974	228	767002	33.245	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.780	149	467221	38.616	ng		99
85)	Di-n-octyl phthalate	23.061	149	797628	38.149	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.277	276	959871	33.949	ng		98
88)	Benzo(b)fluoranthene	24.248	252	855508	36.372	ng		98
89)	Benzo(k)fluoranthene	24.324	252	846438	35.200	ng		98
90)	Benzo(a)pyrene	25.176	252	758155	37.419	ng		100
91)	Dibenzo(a,h)anthracene	29.342	278	826924	35.332	ng		98
92)	Benzo(g,h,i)perylene	30.517	276	807826	35.309	ng		99

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

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