Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
Data File : BG057171.D
Acq On : 25 Apr 2023 11:10
Operator : CG/JU
Sample : PB152259BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 25 23:56:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.381	152	18353	20.000	ng		0.00
21) Naphthalene-d8	11.225	136	77369	20.000	ng		0.00
39) Acenaphthene-d10	14.996	164	58941	20.000	ng		0.00
64) Phenanthrene-d10	17.733	188	144884	20.000	ng		0.00
76) Chrysene-d12	22.051	240	130763	20.000	ng		0.00
86) Perylene-d12	25.564	264	137343	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.896	112	167547	165.436	ng		0.00
7) Phenol-d6	7.524	99	243869	166.426	ng		0.00
23) Nitrobenzene-d5	9.562	82	157194	100.442	ng		0.00
42) 2,4,6-Tribromophenol	16.482	330	104436	134.292	ng		0.00
45) 2-Fluorobiphenyl	13.621	172	373569	85.178	ng		0.00
79) Terphenyl-d14	20.306	244	724633	96.928	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.699	88	17578	38.733	ng		91
3) Pyridine	4.122	79	51201	37.184	ng		89
4) n-Nitrosodimethylamine	4.028	42	30512	61.429	ng		96
6) Aniline	7.694	93	84324	44.065	ng		95
8) 2-Chlorophenol	7.941	128	57654	54.342	ng		97
9) Benzaldehyde	7.506	77	38375	43.723	ng		88
10) Phenol	7.547	94	82216	56.506	ng		96
11) bis(2-Chloroethyl)ether	7.782	93	55918	48.975	ng		92
12) 1,3-Dichlorobenzene	8.270	146	58800	46.785	ng		94
13) 1,4-Dichlorobenzene	8.417	146	60821	48.018	ng		97
14) 1,2-Dichlorobenzene	8.745	146	59133	48.353	ng		97
15) Benzyl Alcohol	8.616	79	62905	58.260	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.904	45	73173	48.600	ng		92
17) 2-Methylphenol	8.816	107	54589	51.271	ng		96
18) Hexachloroethane	9.486	117	21804	50.743	ng		91
19) n-Nitroso-di-n-propyla...	9.186	70	54124	59.384	ng		94
20) 3+4-Methylphenols	9.145	107	73779	50.634	ng		97
22) Acetophenone	9.210	105	97173	46.299	ng	#	92
24) Nitrobenzene	9.603	77	79791	50.780	ng		94
25) Isophorone	10.126	82	142372	47.428	ng		98
26) 2-Nitrophenol	10.320	139	29919	50.966	ng	#	87
27) 2,4-Dimethylphenol	10.361	122	57978	51.387	ng		96
28) bis(2-Chloroethoxy)met...	10.596	93	74817	47.545	ng		100
29) 2,4-Dichlorophenol	10.860	162	61774	49.149	ng		99
30) 1,2,4-Trichlorobenzene	11.078	180	66894	43.524	ng		92
31) Naphthalene	11.272	128	180879	44.016	ng		100
32) Benzoic acid	10.508	122	24850m	47.083	ng		
33) 4-Chloroaniline	11.371	127	56774	31.423	ng		96
34) Hexachlorobutadiene	11.548	225	46644	41.158	ng		96
35) Caprolactam	12.135	113	18853m	54.171	ng		
36) 4-Chloro-3-methylphenol	12.464	107	67220	49.715	ng		96
37) 2-Methylnaphthalene	12.846	142	134871	41.706	ng		96
38) 1-Methylnaphthalene	13.063	142	126234	42.281	ng		99
40) 1,2,4,5-Tetrachloroben...	13.210	216	91778	42.555	ng	#	99
41) Hexachlorocyclopentadiene	13.187	237	97457	104.141	ng		94
43) 2,4,6-Trichlorophenol	13.439	196	55657	47.668	ng		97

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44) 2,4,5-Trichlorophenol	13.516	196	59932	42.517	ng		95
46) 1,1'-Biphenyl	13.833	154	193784	44.108	ng		99
47) 2-Chloronaphthalene	13.886	162	143775	43.360	ng		98
48) 2-Nitroaniline	14.079	65	43410	51.968	ng		90
49) Acenaphthylene	14.726	152	229446	43.589	ng		99
50) Dimethylphthalate	14.432	163	192544	46.546	ng		98
51) 2,6-Dinitrotoluene	14.561	165	40951	47.427	ng		94
52) Acenaphthene	15.060	154	170987m	49.718	ng		
53) 3-Nitroaniline	14.896	138	29724	34.667	ng		96
54) 2,4-Dinitrophenol	15.102	184	47090	94.905	ng		87
55) Dibenzofuran	15.389	168	231992	41.632	ng		97
56) 4-Nitrophenol	15.190	139	63553	105.305	ng	#	78
57) 2,4-Dinitrotoluene	15.348	165	59035	50.205	ng	#	93
58) Fluorene	16.036	166	194759	43.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.613	232	58201	48.202	ng		97
60) Diethylphthalate	15.777	149	192141	48.187	ng		99
61) 4-Chlorophenyl-phenyle...	16.018	204	113436	42.127	ng		99
62) 4-Nitroaniline	16.053	138	40149	46.503	ng	#	82
63) Azobenzene	16.306	77	204345	48.175	ng		96
65) 4,6-Dinitro-2-methylph...	16.112	198	35147	46.868	ng		95
66) n-Nitrosodiphenylamine	16.229	169	169917	44.946	ng		99
67) 4-Bromophenyl-phenylether	16.911	248	73198	42.011	ng		96
68) Hexachlorobenzene	17.040	284	77550	43.394	ng		96
69) Atrazine	17.164	200	68914	57.073	ng		93
70) Pentachlorophenol	17.381	266	77914	92.770	ng		97
71) Phenanthrene	17.780	178	326545	44.149	ng		100
72) Anthracene	17.868	178	329345	44.037	ng		99
73) Carbazole	18.133	167	291630	46.196	ng		99
74) Di-n-butylphthalate	18.656	149	298677	50.863	ng		98
75) Fluoranthene	19.766	202	402369	43.787	ng		99
77) Benzidine	19.930	184	144605	73.388	ng		97
78) Pyrene	20.130	202	412613	46.475	ng		100
80) Butylbenzylphthalate	20.982	149	115171	49.683	ng		93
81) Benzo(a)anthracene	22.028	228	411503	45.770	ng		99
82) 3,3'-Dichlorobenzidine	21.928	252	106309	45.178	ng		98
83) Chrysene	22.098	228	382550	44.122	ng		99
84) Bis(2-ethylhexyl)phtha...	21.875	149	172391	47.124	ng		98
85) Di-n-octyl phthalate	23.179	149	294742	50.257	ng		97
87) Indeno(1,2,3-cd)pyrene	29.635	276	456237	46.375	ng	#	91
88) Benzo(b)fluoranthene	24.442	252	425063	49.372	ng		99
89) Benzo(k)fluoranthene	24.512	252	411321	46.188	ng		98
90) Benzo(a)pyrene	25.399	252	371715	43.836	ng		98
91) Dibenzo(a,h)anthracene	29.694	278	378644	46.353	ng		97
92) Benzo(g,h,i)perylene	30.915	276	367921	45.522	ng		98

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

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