Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
Data File : BG057163.D
Acq On : 24 Apr 2023 22:52
Operator : CG/JU
Sample : PB152347BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 25 05:19:45 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 :
PB152347BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.384	152	20199	20.000	ng		0.00
21) Naphthalene-d8	11.228	136	83652	20.000	ng		0.00
39) Acenaphthene-d10	14.999	164	62560	20.000	ng		0.00
64) Phenanthrene-d10	17.742	188	153980	20.000	ng		0.00
76) Chrysene-d12	22.060	240	138436	20.000	ng		0.00
86) Perylene-d12	25.579	264	146175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.900	112	186375	167.208	ng		0.00
7) Phenol-d6	7.527	99	263842	163.601	ng		0.00
23) Nitrobenzene-d5	9.565	82	164667	97.315	ng		0.00
42) 2,4,6-Tribromophenol	16.485	330	107853	130.664	ng		0.00
45) 2-Fluorobiphenyl	13.624	172	403652	86.713	ng		0.00
79) Terphenyl-d14	20.310	244	745363	94.175	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.697	88	22095	44.237	ng		92
3) Pyridine	4.120	79	59063	38.974	ng		89
4) n-Nitrosodimethylamine	4.032	42	32709	59.834	ng	#	93
6) Aniline	7.697	93	97084	46.097	ng		96
8) 2-Chlorophenol	7.944	128	64327	55.091	ng		98
9) Benzaldehyde	7.509	77	48763	50.481	ng		89
10) Phenol	7.550	94	92403	57.703	ng		97
11) bis(2-Chloroethyl)ether	7.785	93	62277	49.559	ng		90
12) 1,3-Dichlorobenzene	8.273	146	65435	47.306	ng		96
13) 1,4-Dichlorobenzene	8.420	146	66209	47.495	ng		98
14) 1,2-Dichlorobenzene	8.749	146	64462	47.893	ng		98
15) Benzyl Alcohol	8.619	79	67307	56.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.901	45	85025m	51.007	ng		
17) 2-Methylphenol	8.819	107	60769	51.859	ng		98
18) Hexachloroethane	9.489	117	23649	50.007	ng		96
19) n-Nitroso-di-n-propyla...	9.189	70	57963	57.784	ng		93
20) 3+4-Methylphenols	9.148	107	83599	52.130	ng		98
22) Acetophenone	9.213	105	107057	47.177	ng	#	94
24) Nitrobenzene	9.606	77	88185	51.907	ng		97
25) Isophorone	10.129	82	159550	49.158	ng		98
26) 2-Nitrophenol	10.323	139	31451	49.552	ng		91
27) 2,4-Dimethylphenol	10.364	122	64513	52.884	ng		96
28) bis(2-Chloroethoxy)met...	10.599	93	86640	50.923	ng		98
29) 2,4-Dichlorophenol	10.864	162	67943	49.997	ng		93
30) 1,2,4-Trichlorobenzene	11.081	180	72197	43.446	ng		94
31) Naphthalene	11.281	128	201510	45.353	ng		99
32) Benzoic acid	10.511	122	27041m	47.347	ng		
33) 4-Chloroaniline	11.375	127	70385	36.030	ng		97
34) Hexachlorobutadiene	11.551	225	50981	41.606	ng		97
35) Caprolactam	12.138	113	20107m	53.435	ng		
36) 4-Chloro-3-methylphenol	12.467	107	75136	51.396	ng		94
37) 2-Methylnaphthalene	12.855	142	148501	42.472	ng		95
38) 1-Methylnaphthalene	13.072	142	140792	43.615	ng		96
40) 1,2,4,5-Tetrachloroben...	13.213	216	97159	42.444	ng	#	97
41) Hexachlorocyclopentadiene	13.190	237	105007	105.646	ng		95
43) 2,4,6-Trichlorophenol	13.442	196	60085	48.483	ng		100

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44) 2,4,5-Trichlorophenol	13.519	196	65844	44.009	ng		96
46) 1,1'-Biphenyl	13.836	154	211915	45.445	ng		99
47) 2-Chloronaphthalene	13.889	162	162525	46.179	ng		98
48) 2-Nitroaniline	14.083	65	45613	51.493	ng		93
49) Acenaphthylene	14.729	152	254520	45.556	ng		99
50) Dimethylphthalate	14.435	163	207060	47.160	ng		99
51) 2,6-Dinitrotoluene	14.564	165	45318	49.448	ng		94
52) Acenaphthene	15.064	154	183896m	50.378	ng		
53) 3-Nitroaniline	14.899	138	34548	37.962	ng		97
54) 2,4-Dinitrophenol	15.105	184	47655	90.789	ng		88
55) Dibenzofuran	15.393	168	257069	43.464	ng		99
56) 4-Nitrophenol	15.199	139	68947	107.634	ng		91
57) 2,4-Dinitrotoluene	15.352	165	63253	50.680	ng		93
58) Fluorene	16.045	166	212568	44.640	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.616	232	61039m	47.628	ng		
60) Diethylphthalate	15.786	149	205765	48.618	ng		100
61) 4-Chlorophenyl-phenyle...	16.021	204	124373	43.517	ng		97
62) 4-Nitroaniline	16.056	138	43865	47.868	ng		91
63) Azobenzene	16.315	77	227527	50.537	ng		98
65) 4,6-Dinitro-2-methylph...	16.115	198	37119	46.604	ng		96
66) n-Nitrosodiphenylamine	16.233	169	184307	45.873	ng		99
67) 4-Bromophenyl-phenylether	16.914	248	79675	43.027	ng		99
68) Hexachlorobenzene	17.043	284	82852	43.622	ng	#	91
69) Atrazine	17.167	200	74191	57.814	ng		98
70) Pentachlorophenol	17.390	266	79573	89.149	ng		98
71) Phenanthrene	17.784	178	355093	45.173	ng		99
72) Anthracene	17.878	178	358065	45.049	ng		98
73) Carbazole	18.142	167	314666	46.900	ng		99
74) Di-n-butylphthalate	18.659	149	315670	50.581	ng		99
75) Fluoranthene	19.775	202	435031	44.545	ng		99
77) Benzidine	19.939	184	179731	86.159	ng		99
78) Pyrene	20.133	202	440949	46.914	ng		98
80) Butylbenzylphthalate	20.991	149	121360	49.466	ng		98
81) Benzo(a)anthracene	22.037	228	442560	46.496	ng		100
82) 3,3'-Dichlorobenzidine	21.931	252	110465	44.342	ng		99
83) Chrysene	22.107	228	407820	44.429	ng		99
84) Bis(2-ethylhexyl)phtha...	21.884	149	182236	47.060	ng		98
85) Di-n-octyl phthalate	23.188	149	318178	51.246	ng		99
87) Indeno(1,2,3-cd)pyrene	29.650	276	494506	47.227	ng	#	94
88) Benzo(b)fluoranthene	24.451	252	450671	49.184	ng		97
89) Benzo(k)fluoranthene	24.527	252	449310	47.405	ng		99
90) Benzo(a)pyrene	25.414	252	397594	44.054	ng		99
91) Dibenzo(a,h)anthracene	29.714	278	410699	47.239	ng		98
92) Benzo(g,h,i)perylene	30.930	276	395006	45.920	ng		98

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

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