Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
Data File : BG057765.D
Acq On : 19 Jun 2023 21:47
Operator : CG/JU
Sample : PB153322BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 20 04:03:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153322BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	32572	20.000	ng		0.00
21) Naphthalene-d8	10.732	136	147041	20.000	ng		0.00
39) Acenaphthene-d10	14.562	164	107571	20.000	ng		0.00
64) Phenanthrene-d10	17.306	188	254445	20.000	ng		0.00
76) Chrysene-d12	21.560	240	213078	20.000	ng		0.00
86) Perylene-d12	24.704	264	268481	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	333444	157.847	ng		0.00
7) Phenol-d6	7.089	99	468809	145.445	ng		0.00
23) Nitrobenzene-d5	9.092	82	268842	93.837	ng		0.00
42) 2,4,6-Tribromophenol	16.049	330	202104	134.875	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	621506	87.632	ng		0.00
79) Terphenyl-d14	19.921	244	1060296	92.788	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	44342	46.113	ng		97
3) Pyridine	3.793	79	105853	36.143	ng		98
4) n-Nitrosodimethylamine	3.716	42	62180	46.465	ng		96
6) Aniline	7.253	93	178764	43.314	ng		99
8) 2-Chlorophenol	7.494	128	116540	53.626	ng		99
9) Benzaldehyde	7.065	77	59197m	29.208	ng		
10) Phenol	7.118	94	170743	53.800	ng		97
11) bis(2-Chloroethyl)ether	7.347	93	113445	46.493	ng		97
12) 1,3-Dichlorobenzene	7.817	146	111424	50.381	ng		96
13) 1,4-Dichlorobenzene	7.964	146	111191	49.618	ng		95
14) 1,2-Dichlorobenzene	8.282	146	109806	50.640	ng		96
15) Benzyl Alcohol	8.164	79	121150	49.155	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.458	45	221350	47.223	ng		99
17) 2-Methylphenol	8.364	107	116613	49.958	ng		96
18) Hexachloroethane	9.010	117	40128	50.783	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	100894	44.898	ng		99
20) 3+4-Methylphenols	8.693	107	159437	49.449	ng		98
22) Acetophenone	8.752	105	192086	46.585	ng	#	98
24) Nitrobenzene	9.134	77	140247	47.035	ng		97
25) Isophorone	9.651	82	286634	43.791	ng		100
26) 2-Nitrophenol	9.839	139	54969	57.946	ng		95
27) 2,4-Dimethylphenol	9.897	122	122856	52.310	ng		98
28) bis(2-Chloroethoxy)met...	10.138	93	167691	47.573	ng		98
29) 2,4-Dichlorophenol	10.373	162	116786	52.363	ng		98
30) 1,2,4-Trichlorobenzene	10.591	180	119402	48.029	ng		98
31) Naphthalene	10.785	128	359195	45.898	ng		99
32) Benzoic acid	10.038	122	91760m	53.066	ng		
33) 4-Chloroaniline	10.884	127	133288	36.758	ng		99
34) Hexachlorobutadiene	11.067	225	71948	47.437	ng		99
35) Caprolactam	11.654	113	43029m	47.544	ng		
36) 4-Chloro-3-methylphenol	12.007	107	146598	50.329	ng		99
37) 2-Methylnaphthalene	12.389	142	251687	44.122	ng		98
38) 1-Methylnaphthalene	12.606	142	239539	44.485	ng		98
40) 1,2,4,5-Tetrachloroben...	12.753	216	136104	45.639	ng		98
41) Hexachlorocyclopentadiene	12.735	237	178537	112.767	ng		99
43) 2,4,6-Trichlorophenol	12.988	196	106904	50.065	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	116813	46.931	ng	96
46) 1,1'-Biphenyl	13.399	154	338847	45.876	ng	99
47) 2-Chloronaphthalene	13.440	162	262176	46.203	ng	99
48) 2-Nitroaniline	13.640	65	102210	50.687	ng	98
49) Acenaphthylene	14.286	152	434316	44.592	ng	99
50) Dimethylphthalate	14.016	163	363259	43.967	ng	99
51) 2,6-Dinitrotoluene	14.134	165	77382	50.861	ng	95
52) Acenaphthene	14.627	154	299573m	49.684	ng	
53) 3-Nitroaniline	14.463	138	69019	40.254	ng	96
54) 2,4-Dinitrophenol	14.668	184	79432	96.882	ng	95
55) Dibenzofuran	14.962	168	426031	43.943	ng	99
56) 4-Nitrophenol	14.768	139	141364	103.745	ng	98
57) 2,4-Dinitrotoluene	14.921	165	107797	52.247	ng	98
58) Fluorene	15.608	166	337772	44.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.179	232	103113	48.611	ng	99
60) Diethylphthalate	15.385	149	373224	44.032	ng	97
61) 4-Chlorophenyl-phenyle...	15.602	204	179332	43.947	ng	99
62) 4-Nitroaniline	15.626	138	79342	45.391	ng	96
63) Azobenzene	15.896	77	376815	43.460	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	55607	47.620	ng	98
66) n-Nitrosodiphenylamine	15.814	169	301211	44.853	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	120839	44.781	ng	97
68) Hexachlorobenzene	16.607	284	133390	48.489	ng	98
69) Atrazine	16.760	200	122694	53.223	ng	96
70) Pentachlorophenol	16.948	266	177915	87.543	ng	99
71) Phenanthrene	17.347	178	558036	45.296	ng	99
72) Anthracene	17.436	178	564179	44.847	ng	99
73) Carbazole	17.706	167	534382	46.071	ng	99
74) Di-n-butylphthalate	18.270	149	638641	46.500	ng	100
75) Fluoranthene	19.357	202	666749	45.430	ng	99
77) Benzidine	19.539	184	462200	92.537	ng	99
78) Pyrene	19.715	202	679938	44.733	ng	100
80) Butylbenzylphthalate	20.608	149	276388	47.800	ng	98
81) Benzo(a)anthracene	21.537	228	676778	46.294	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	223140	44.877	ng	99
83) Chrysene	21.601	228	628406	44.791	ng	99
84) Bis(2-ethylhexyl)phtha...	21.454	149	391557	46.641	ng	100
85) Di-n-octyl phthalate	22.647	149	725608	49.278	ng	99
87) Indeno(1,2,3-cd)pyrene	28.299	276	842806	48.013	ng	99
88) Benzo(b)fluoranthene	23.705	252	722001	49.074	ng	99
89) Benzo(k)fluoranthene	23.775	252	698993	46.649	ng	99
90) Benzo(a)pyrene	24.557	252	636747	44.068	ng	99
91) Dibenzo(a,h)anthracene	28.358	278	700115	48.070	ng	99
92) Benzo(g,h,i)perylene	29.422	276	689518	47.281	ng	98

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

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