Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053452.D
Acq On : 5 May 2022 15:58
Operator : CG/JU
Sample : PB144603BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 06 03:47:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144603BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	25173	20.000	ng		0.00
21) Naphthalene-d8	10.901	136	110300	20.000	ng		-0.01
39) Acenaphthene-d10	14.719	164	87284	20.000	ng		0.00
64) Phenanthrene-d10	17.463	188	222840	20.000	ng		0.00
76) Chrysene-d12	21.739	240	218601	20.000	ng		0.00
86) Perylene-d12	25.017	264	229318	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.661	112	193624	130.539	ng		0.00
7) Phenol-d6	7.253	99	282779	125.619	ng		0.00
23) Nitrobenzene-d5	9.256	82	195381	75.404	ng		0.00
42) 2,4,6-Tribromophenol	16.205	330	149135	115.848	ng		0.00
45) 2-Fluorobiphenyl	13.339	172	441336	73.887	ng		0.00
79) Terphenyl-d14	20.065	244	935994	79.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	22055	28.339	ng	#	94
3) Pyridine	3.934	79	54831	28.849	ng		97
4) n-Nitrosodimethylamine	3.846	42	38259	41.324	ng		94
6) Aniline	7.411	93	103954	41.694	ng		98
8) 2-Chlorophenol	7.658	128	69987	45.135	ng		98
9) Benzaldehyde	7.223	77	51968m	36.339	ng		
10) Phenol	7.282	94	97331	44.209	ng		93
11) bis(2-Chloroethyl)ether	7.505	93	66244	40.344	ng		96
12) 1,3-Dichlorobenzene	7.981	146	70893	38.755	ng		94
13) 1,4-Dichlorobenzene	8.128	146	74367	40.287	ng		98
14) 1,2-Dichlorobenzene	8.445	146	70982	40.949	ng		98
15) Benzyl Alcohol	8.328	79	80721m	42.891	ng		
16) 2,2'-oxybis(1-Chloropr...	8.616	45	108682	40.668	ng		98
17) 2-Methylphenol	8.539	107	66233	44.510	ng		97
18) Hexachloroethane	9.180	117	27487	39.212	ng		99
19) n-Nitroso-di-n-propyla...	8.892	70	64592	39.992	ng		96
20) 3+4-Methylphenols	8.862	107	91092	43.344	ng		98
22) Acetophenone	8.915	105	111345	36.884	ng	#	99
24) Nitrobenzene	9.297	77	99528	39.686	ng		95
25) Isophorone	9.820	82	181487	41.618	ng		99
26) 2-Nitrophenol	10.014	139	41320	40.680	ng		91
27) 2,4-Dimethylphenol	10.067	122	72276	47.282	ng		98
28) bis(2-Chloroethoxy)met...	10.296	93	97959	39.059	ng		97
29) 2,4-Dichlorophenol	10.554	162	79241	42.951	ng		91
30) 1,2,4-Trichlorobenzene	10.766	180	79406	37.882	ng		97
31) Naphthalene	10.954	128	216133	38.522	ng		98
32) Benzoic acid	10.231	122	30794m	35.016	ng		
33) 4-Chloroaniline	11.059	127	76924	32.738	ng		95
34) Hexachlorobutadiene	11.236	225	57779	37.173	ng		97
35) Caprolactam	11.829	113	27957m	41.700	ng		
36) 4-Chloro-3-methylphenol	12.181	107	92502	41.916	ng		94
37) 2-Methylnaphthalene	12.552	142	164048	39.179	ng		97
38) 1-Methylnaphthalene	12.769	142	155903	38.163	ng		98
40) 1,2,4,5-Tetrachloroben...	12.922	216	104490	37.978	ng		99
41) Hexachlorocyclopentadiene	12.898	237	103588	91.061	ng		98
43) 2,4,6-Trichlorophenol	13.162	196	71031	39.551	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	76835	40.199	ng		99
46) 1,1'-Biphenyl	13.550	154	228253	38.364	ng		98
47) 2-Chloronaphthalene	13.597	162	176438	37.851	ng		99
48) 2-Nitroaniline	13.797	65	72239	41.590	ng		98
49) Acenaphthylene	14.437	152	307442	41.332	ng		99
50) Dimethylphthalate	14.167	163	259693	39.153	ng		99
51) 2,6-Dinitrotoluene	14.285	165	56213	41.599	ng		97
52) Acenaphthene	14.784	154	172771	38.975	ng		99
53) 3-Nitroaniline	14.619	138	47515	32.543	ng		94
54) 2,4-Dinitrophenol	14.831	184	65118	76.234	ng		98
55) Dibenzofuran	15.113	168	298782	37.525	ng		99
56) 4-Nitrophenol	14.937	139	86159	82.618	ng		88
57) 2,4-Dinitrotoluene	15.078	165	82986	42.367	ng	#	87
58) Fluorene	15.765	166	250359	39.182	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.342	232	76234	39.310	ng		97
60) Diethylphthalate	15.524	149	270292	39.450	ng		98
61) 4-Chlorophenyl-phenyle...	15.747	204	136751	38.354	ng		98
62) 4-Nitroaniline	15.782	138	59650	39.389	ng		98
63) Azobenzene	16.041	77	270431	38.545	ng		100
65) 4,6-Dinitro-2-methylph...	15.847	198	49785	37.493	ng		96
66) n-Nitrosodiphenylamine	15.965	169	226358	38.689	ng		99
67) 4-Bromophenyl-phenylether	16.646	248	100650	38.674	ng		97
68) Hexachlorobenzene	16.775	284	110634	38.816	ng		98
69) Atrazine	16.904	200	97535	39.599	ng		94
70) Pentachlorophenol	17.122	266	110952	72.733	ng		93
71) Phenanthrene	17.504	178	439373	38.776	ng		97
72) Anthracene	17.592	178	445850	40.032	ng		99
73) Carbazole	17.862	167	406734	37.263	ng		99
74) Di-n-butylphthalate	18.408	149	476397	38.807	ng		99
75) Fluoranthene	19.513	202	568956	38.780	ng		99
77) Benzidine	19.683	184	288121	61.151	ng		100
78) Pyrene	19.871	202	560411	39.602	ng		100
80) Butylbenzylphthalate	20.746	149	205832	39.666	ng		99
81) Benzo(a)anthracene	21.721	228	564020	40.452	ng		99
82) 3,3'-Dichlorobenzidine	21.628	252	157053	44.419	ng		99
83) Chrysene	21.786	228	505946	38.853	ng		98
84) Bis(2-ethylhexyl)phtha...	21.610	149	294024	41.052	ng		100
85) Di-n-octyl phthalate	22.838	149	504388	41.646	ng		99
87) Indeno(1,2,3-cd)pyrene	28.783	276	636287	39.839	ng	#	95
88) Benzo(b)fluoranthene	23.977	252	584482	43.060	ng		99
89) Benzo(k)fluoranthene	24.048	252	562412	42.165	ng		97
90) Benzo(a)pyrene	24.870	252	567603	49.129	ng		99
91) Dibenzo(a,h)anthracene	28.841	278	548648	41.689	ng		97
92) Benzo(g,h,i)perylene	29.963	276	553266	42.411	ng		95

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

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