Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
Data File : BG053116.D
Acq On : 12 Apr 2022 12:25
Operator : CG/JU
Sample : PB144020BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 13 06:12:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144020BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	34194	20.000	ng	# 0.00
21) Naphthalene-d8	10.931	136	144542	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	109212	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	251225	20.000	ng	0.00
76) Chrysene-d12	21.770	240	260812	20.000	ng	0.00
86) Perylene-d12	25.071	264	257870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	273828	137.273	ng	0.00
7) Phenol-d6	7.283	99	397008	129.060	ng	0.00
23) Nitrobenzene-d5	9.281	82	267242	75.071	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	187848	108.113	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	603433	76.189	ng	0.00
79) Terphenyl-d14	20.089	244	1148041	74.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	29162	30.612	ng	# 88
3) Pyridine	3.964	79	80206	31.923	ng	# 83
4) n-Nitrosodimethylamine	3.876	42	52436	42.145	ng	82
6) Aniline	7.442	93	124586	34.947	ng	99
8) 2-Chlorophenol	7.689	128	101808	47.275	ng	97
9) Benzaldehyde	7.254	77	59798m	32.521	ng	
10) Phenol	7.307	94	140639	45.931	ng	89
11) bis(2-Chloroethyl)ether	7.530	93	93480	42.352	ng	94
12) 1,3-Dichlorobenzene	8.012	146	105061m	41.984	ng	
13) 1,4-Dichlorobenzene	8.159	146	103502	40.570	ng	97
14) 1,2-Dichlorobenzene	8.476	146	101888	41.415	ng	97
15) Benzyl Alcohol	8.352	79	115537	42.256	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.640	45	153172	41.566	ng	97
17) 2-Methylphenol	8.564	107	93298	45.027	ng	96
18) Hexachloroethane	9.210	117	39303	41.082	ng	92
19) n-Nitroso-di-n-propyla...	8.922	70	94009	41.743	ng	94
20) 3+4-Methylphenols	8.887	107	130258	44.532	ng	93
22) Acetophenone	8.940	105	157514	39.280	ng	95
24) Nitrobenzene	9.328	77	139603	40.318	ng	90
25) Isophorone	9.845	82	250481	41.397	ng	98
26) 2-Nitrophenol	10.038	139	55655	38.438	ng	92
27) 2,4-Dimethylphenol	10.097	122	101594	48.993	ng	98
28) bis(2-Chloroethoxy)met...	10.326	93	133502	39.273	ng	98
29) 2,4-Dichlorophenol	10.579	162	109391	41.962	ng	98
30) 1,2,4-Trichlorobenzene	10.796	180	111548	37.807	ng	96
31) Naphthalene	10.984	128	306829	39.788	ng	100
32) Benzoic acid	10.238	122	52079	39.301	ng	92
33) 4-Chloroaniline	11.084	127	78725	23.839	ng	97
34) Hexachlorobutadiene	11.272	225	81499	37.186	ng	97
35) Caprolactam	11.848	113	34562m	37.613	ng	
36) 4-Chloro-3-methylphenol	12.200	107	123893	40.822	ng	93
37) 2-Methylnaphthalene	12.582	142	223465	39.162	ng	96
38) 1-Methylnaphthalene	12.799	142	214548m	38.519	ng	
40) 1,2,4,5-Tetrachloroben...	12.946	216	139974	37.737	ng	99
41) Hexachlorocyclopentadiene	12.929	237	184167	96.182	ng	95
43) 2,4,6-Trichlorophenol	13.181	196	95752	37.441	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	106478	39.072	ng		97
46) 1,1'-Biphenyl	13.581	154	309003	39.289	ng		99
47) 2-Chloronaphthalene	13.628	162	243470	38.802	ng		96
48) 2-Nitroaniline	13.816	65	90700	38.090	ng		93
49) Acenaphthylene	14.468	152	409335	41.674	ng		99
50) Dimethylphthalate	14.192	163	322316	36.899	ng		99
51) 2,6-Dinitrotoluene	14.309	165	69219	37.984	ng		86
52) Acenaphthene	14.808	154	296574m	44.524	ng		
53) 3-Nitroaniline	14.638	138	50360	26.135	ng	#	89
54) 2,4-Dinitrophenol	14.844	184	93053	80.252	ng	#	88
55) Dibenzofuran	15.143	168	393197	37.698	ng		99
56) 4-Nitrophenol	14.949	139	115527	78.610	ng	#	80
57) 2,4-Dinitrotoluene	15.096	165	100982	38.923	ng		92
58) Fluorene	15.789	166	321491	38.163	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.366	232	97730	36.928	ng		98
60) Diethylphthalate	15.549	149	331121	36.179	ng		99
61) 4-Chlorophenyl-phenyle...	15.778	204	175739	36.801	ng		96
62) 4-Nitroaniline	15.801	138	73364	36.081	ng		88
63) Azobenzene	16.066	77	341566	37.016	ng		97
65) 4,6-Dinitro-2-methylph...	15.860	198	62120	35.442	ng		92
66) n-Nitrosodiphenylamine	15.989	169	283651	39.263	ng		98
67) 4-Bromophenyl-phenylether	16.671	248	122116	37.935	ng		97
68) Hexachlorobenzene	16.800	284	135026	38.733	ng		96
69) Atrazine	16.929	200	121315	42.989	ng		97
70) Pentachlorophenol	17.141	266	155260	81.491	ng		93
71) Phenanthrene	17.528	178	537165	39.145	ng		99
72) Anthracene	17.622	178	541845	39.857	ng		100
73) Carbazole	17.887	167	505760	38.272	ng		97
74) Di-n-butylphthalate	18.433	149	579112	38.640	ng		98
75) Fluoranthene	19.531	202	691425	39.308	ng		99
77) Benzidine	19.708	184	273752	36.788	ng		100
78) Pyrene	19.896	202	687875	37.032	ng		99
80) Butylbenzylphthalate	20.771	149	264068	38.132	ng		99
81) Benzo(a)anthracene	21.752	228	688119	38.588	ng		98
82) 3,3'-Dichlorobenzidine	21.658	252	180342	27.499	ng		99
83) Chrysene	21.817	228	623403	37.668	ng		100
84) Bis(2-ethylhexyl)phtha...	21.646	149	368120	39.326	ng		100
85) Di-n-octyl phthalate	22.880	149	614015	39.221	ng		96
87) Indeno(1,2,3-cd)pyrene	28.848	276	747426	39.013	ng	#	96
88) Benzo(b)fluoranthene	24.019	252	695630	42.755	ng		98
89) Benzo(k)fluoranthene	24.090	252	662396	41.424	ng		99
90) Benzo(a)pyrene	24.918	252	667475	48.156	ng		98
91) Dibenzo(a,h)anthracene	28.901	278	659911	41.851	ng		99
92) Benzo(g,h,i)perylene	30.035	276	646223	41.580	ng		97

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

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