Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056537.D
Acq On : 3 Feb 2023 13:45
Operator : CG/JU
Sample : PB150480BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 04 05:11:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150480BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	29359	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	115983	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	100186	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	272572	20.000	ng	0.00
76) Chrysene-d12	21.930	240	263873	20.000	ng	0.00
86) Perylene-d12	25.350	264	279176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	192896	120.865	ng	0.00
7) Phenol-d6	7.418	99	268330	113.474	ng	0.00
23) Nitrobenzene-d5	9.445	82	137783	67.458	ng	-0.01
42) 2,4,6-Tribromophenol	16.378	330	139558	104.780	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	470005	65.042	ng	0.00
79) Terphenyl-d14	20.209	244	988768	65.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	26764	40.274	ng	# 95
3) Pyridine	4.004	79	68208	34.432	ng	96
4) n-Nitrosodimethylamine	3.916	42	16950	40.235	ng	99
6) Aniline	7.582	93	103058	33.287	ng	96
8) 2-Chlorophenol	7.829	128	84745	48.336	ng	97
9) Benzaldehyde	7.394	77	52397	54.770	ng	90
10) Phenol	7.441	94	119676	49.794	ng	98
11) bis(2-Chloroethyl)ether	7.670	93	72283	43.755	ng	95
12) 1,3-Dichlorobenzene	8.158	146	93576	46.356	ng	99
13) 1,4-Dichlorobenzene	8.305	146	94473	46.213	ng	97
14) 1,2-Dichlorobenzene	8.628	146	89854	45.302	ng	99
15) Benzyl Alcohol	8.505	79	74335	45.817	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.798	45	15140	43.254	ng	88
17) 2-Methylphenol	8.710	107	83639	45.743	ng	99
18) Hexachloroethane	9.362	117	28422	45.967	ng	93
19) n-Nitroso-di-n-propyla...	9.075	70	56359	41.357	ng	97
20) 3+4-Methylphenols	9.039	107	114037	44.504	ng	98
22) Acetophenone	9.098	105	130806	42.447	ng	99
24) Nitrobenzene	9.492	77	84814	43.050	ng	95
25) Isophorone	10.009	82	172768	41.001	ng	98
26) 2-Nitrophenol	10.208	139	52653	44.048	ng	96
27) 2,4-Dimethylphenol	10.255	122	94835m	47.406	ng	
28) bis(2-Chloroethoxy)met...	10.485	93	100122	43.012	ng	98
29) 2,4-Dichlorophenol	10.749	162	108173	48.038	ng	99
30) 1,2,4-Trichlorobenzene	10.966	180	114052	45.579	ng	99
31) Naphthalene	11.154	128	268484	43.858	ng	99
32) Benzoic acid	10.402	122	47289m	42.251	ng	
33) 4-Chloroaniline	11.260	127	78703	27.543	ng	99
34) Hexachlorobutadiene	11.431	225	76682	43.657	ng	97
35) Caprolactam	12.030	113	35389m	46.599	ng	
36) 4-Chloro-3-methylphenol	12.365	107	102370	47.075	ng	95
37) 2-Methylnaphthalene	12.741	142	209155	41.443	ng	99
38) 1-Methylnaphthalene	12.958	142	195184	41.411	ng	98
40) 1,2,4,5-Tetrachloroben...	13.105	216	154662	42.256	ng	99
41) Hexachlorocyclopentadiene	13.076	237	151939	78.444	ng	100
43) 2,4,6-Trichlorophenol	13.340	196	103989	44.088	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	113441	41.078	ng		100
46) 1,1'-Biphenyl	13.728	154	308828	42.499	ng		99
47) 2-Chloronaphthalene	13.781	162	246323	43.367	ng		99
48) 2-Nitroaniline	13.980	65	52617	44.812	ng		91
49) Acenaphthylene	14.621	152	393533	42.585	ng		99
50) Dimethylphthalate	14.333	163	346281	42.723	ng		99
51) 2,6-Dinitrotoluene	14.462	165	77515	43.854	ng		94
52) Acenaphthene	14.956	154	230557	42.072	ng		100
53) 3-Nitroaniline	14.797	138	52567	30.676	ng		99
54) 2,4-Dinitrophenol	15.009	184	104610	94.402	ng		96
55) Dibenzofuran	15.291	168	418312	42.564	ng		99
56) 4-Nitrophenol	15.103	139	109554	93.563	ng		98
57) 2,4-Dinitrotoluene	15.250	165	111616	44.830	ng		100
58) Fluorene	15.937	166	343818	43.966	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.514	232	113849	46.367	ng		97
60) Diethylphthalate	15.684	149	331820	43.597	ng		99
61) 4-Chlorophenyl-phenyle...	15.919	204	206524	43.280	ng		99
62) 4-Nitroaniline	15.955	138	74276	43.317	ng		98
63) Azobenzene	16.213	77	232619	44.418	ng		98
65) 4,6-Dinitro-2-methylph...	16.013	198	77426	40.403	ng		98
66) n-Nitrosodiphenylamine	16.131	169	319144	41.354	ng		98
67) 4-Bromophenyl-phenylether	16.812	248	143401	41.096	ng		99
68) Hexachlorobenzene	16.942	284	150268	43.969	ng		97
69) Atrazine	17.065	200	143767	48.288	ng		97
70) Pentachlorophenol	17.288	266	157947	76.379	ng		98
71) Phenanthrene	17.676	178	614294	43.060	ng		98
72) Anthracene	17.770	178	624563	42.649	ng		99
73) Carbazole	18.035	167	545635	43.747	ng		98
74) Di-n-butylphthalate	18.557	149	555342	42.405	ng		99
75) Fluoranthene	19.668	202	773657	42.968	ng		100
77) Benzidine	19.838	184	315713	44.213	ng		99
78) Pyrene	20.032	202	784478	41.800	ng		100
80) Butylbenzylphthalate	20.884	149	235807	41.142	ng		97
81) Benzo(a)anthracene	21.907	228	781512	42.364	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	187762	28.263	ng		98
83) Chrysene	21.977	228	730611	42.156	ng		99
84) Bis(2-ethylhexyl)phtha...	21.765	149	337867	41.116	ng		99
85) Di-n-octyl phthalate	23.035	149	569524	41.617	ng		100
87) Indeno(1,2,3-cd)pyrene	29.304	276	918267	44.934	ng	#	95
88) Benzo(b)fluoranthene	24.257	252	811842	46.851	ng		99
89) Benzo(k)fluoranthene	24.327	252	797072	45.560	ng		100
90) Benzo(a)pyrene	25.191	252	716395	41.970	ng		98
91) Dibenzo(a,h)anthracene	29.357	278	777923	45.350	ng		99
92) Benzo(g,h,i)perylene	30.543	276	745619	45.048	ng		97

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

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