Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
Data File : BG053342.D
Acq On : 27 Apr 2022 11:35
Operator : CG/JU
Sample : PB144386BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 06:40:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144386BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.101	152	24541	20.000	ng		-0.01
21) Naphthalene-d8	10.914	136	100382	20.000	ng		0.00
39) Acenaphthene-d10	14.727	164	77455	20.000	ng		0.00
64) Phenanthrene-d10	17.476	188	194816	20.000	ng		0.00
76) Chrysene-d12	21.759	240	193278	20.000	ng		0.00
86) Perylene-d12	25.054	264	208583	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	205135	143.286	ng		0.00
7) Phenol-d6	7.266	99	288023	130.460	ng		0.00
23) Nitrobenzene-d5	9.264	82	199159	80.558	ng		-0.01
42) 2,4,6-Tribromophenol	16.219	330	152024	123.368	ng		0.00
45) 2-Fluorobiphenyl	13.352	172	454338	80.884	ng		0.00
79) Terphenyl-d14	20.079	244	965167	84.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	23961	35.046	ng	#	92
3) Pyridine	3.947	79	62577	34.703	ng		90
4) n-Nitrosodimethylamine	3.859	42	40873	45.773	ng		97
6) Aniline	7.425	93	106915	41.786	ng		98
8) 2-Chlorophenol	7.672	128	78443	50.753	ng		95
9) Benzaldehyde	7.237	77	55424m	41.998	ng		
10) Phenol	7.296	94	107287	48.821	ng		91
11) bis(2-Chloroethyl)ether	7.513	93	72948	46.049	ng		93
12) 1,3-Dichlorobenzene	7.995	146	78471m	43.692	ng		
13) 1,4-Dichlorobenzene	8.142	146	80604	44.022	ng		94
14) 1,2-Dichlorobenzene	8.459	146	78238	44.311	ng		99
15) Benzyl Alcohol	8.341	79	87939m	44.813	ng		
16) 2,2'-oxybis(1-Chloropr...	8.623	45	116100	43.898	ng		99
17) 2-Methylphenol	8.547	107	72009	48.422	ng		96
18) Hexachloroethane	9.187	117	30527	44.460	ng		96
19) n-Nitroso-di-n-propyla...	8.905	70	70816	43.813	ng	#	93
20) 3+4-Methylphenols	8.876	107	97598	46.491	ng		91
22) Acetophenone	8.923	105	123355	44.294	ng		94
24) Nitrobenzene	9.311	77	107915	44.877	ng		92
25) Isophorone	9.828	82	196753	46.823	ng		97
26) 2-Nitrophenol	10.022	139	45727	45.475	ng		95
27) 2,4-Dimethylphenol	10.080	122	78006	54.167	ng		93
28) bis(2-Chloroethoxy)met...	10.309	93	104240	44.155	ng		97
29) 2,4-Dichlorophenol	10.562	162	84848	46.866	ng		99
30) 1,2,4-Trichlorobenzene	10.779	180	88376	43.130	ng		97
31) Naphthalene	10.967	128	237381	44.324	ng		99
32) Benzoic acid	10.239	122	36981	40.103	ng		91
33) 4-Chloroaniline	11.073	127	73156	31.898	ng		97
34) Hexachlorobutadiene	11.249	225	62830	41.279	ng		96
35) Caprolactam	11.837	113	30022m	47.046	ng		
36) 4-Chloro-3-methylphenol	12.189	107	98369	46.671	ng		93
37) 2-Methylnaphthalene	12.565	142	174089m	43.930	ng		
38) 1-Methylnaphthalene	12.783	142	169204	43.742	ng		98
40) 1,2,4,5-Tetrachloroben...	12.935	216	112886	42.912	ng		97
41) Hexachlorocyclopentadiene	12.912	237	124407	91.611	ng		92
43) 2,4,6-Trichlorophenol	13.170	196	76789	42.337	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.247	196	84067	43.496	ng		99
46) 1,1'-Biphenyl	13.564	154	238485	42.756	ng		98
47) 2-Chloronaphthalene	13.611	162	188225	42.297	ng		97
48) 2-Nitroaniline	13.805	65	75583	44.755	ng		94
49) Acenaphthylene	14.451	152	329019	47.231	ng		98
50) Dimethylphthalate	14.175	163	274216	44.263	ng		98
51) 2,6-Dinitrotoluene	14.292	165	58616	45.354	ng	#	82
52) Acenaphthene	14.792	154	232763m	49.271	ng		
53) 3-Nitroaniline	14.627	138	48718	35.649	ng		96
54) 2,4-Dinitrophenol	14.839	184	69930	85.037	ng	#	88
55) Dibenzofuran	15.126	168	314751	42.550	ng		98
56) 4-Nitrophenol	14.944	139	96560	92.643	ng		85
57) 2,4-Dinitrotoluene	15.085	165	87014	47.290	ng		87
58) Fluorene	15.773	166	263099	44.037	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.356	232	79754	42.491	ng		97
60) Diethylphthalate	15.532	149	282118	43.463	ng		100
61) 4-Chlorophenyl-phenyle...	15.761	204	143621	42.406	ng		96
62) 4-Nitroaniline	15.790	138	63435	43.989	ng	#	80
63) Azobenzene	16.055	77	284281	43.439	ng		99
65) 4,6-Dinitro-2-methylph...	15.855	198	53010	39.002	ng		96
66) n-Nitrosodiphenylamine	15.972	169	242494	43.285	ng		99
67) 4-Bromophenyl-phenylether	16.654	248	103840	41.598	ng		94
68) Hexachlorobenzene	16.783	284	115184	42.608	ng		93
69) Atrazine	16.918	200	106616	48.720	ng		100
70) Pentachlorophenol	17.130	266	123656	83.696	ng		91
71) Phenanthrene	17.517	178	458625	43.099	ng		98
72) Anthracene	17.611	178	467598	44.355	ng		99
73) Carbazole	17.876	167	434852	42.434	ng		99
74) Di-n-butylphthalate	18.422	149	505301	43.477	ng		99
75) Fluoranthene	19.520	202	607615	44.546	ng		99
77) Benzidine	19.697	184	315409	57.196	ng		99
78) Pyrene	19.885	202	606729	44.077	ng		99
80) Butylbenzylphthalate	20.760	149	228631	44.551	ng		99
81) Benzo(a)anthracene	21.741	228	598002	45.252	ng		97
82) 3,3'-Dichlorobenzidine	21.647	252	162333	33.402	ng		100
83) Chrysene	21.806	228	546753	44.580	ng		99
84) Bis(2-ethylhexyl)phtha...	21.629	149	319557	46.067	ng		100
85) Di-n-octyl phthalate	22.863	149	541619	46.685	ng		97
87) Indeno(1,2,3-cd)pyrene	28.826	276	674349	43.516	ng		98
88) Benzo(b)fluoranthene	24.009	252	642734	48.839	ng		98
89) Benzo(k)fluoranthene	24.079	252	582736	45.054	ng		99
90) Benzo(a)pyrene	24.901	252	603823	53.858	ng		98
91) Dibenzo(a,h)anthracene	28.890	278	579121	45.405	ng		98
92) Benzo(g,h,i)perylene	30.018	276	578270	45.999	ng		97

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

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