Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070522\
Data File : BG054208.D
Acq On : 5 Jul 2022 14:27
Operator : CG/JU
Sample : PB145993BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 06 01:43:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB145993BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	21324	20.000	ng		0.00
21) Naphthalene-d8	10.878	136	94565	20.000	ng		0.00
39) Acenaphthene-d10	14.697	164	80536	20.000	ng		0.00
64) Phenanthrene-d10	17.441	188	214537	20.000	ng	#	0.00
76) Chrysene-d12	21.719	240	217123	20.000	ng		0.00
86) Perylene-d12	24.974	264	215933	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	151138	135.510	ng		0.00
7) Phenol-d6	7.235	99	204777	135.343	ng		0.00
23) Nitrobenzene-d5	9.233	82	129693	77.071	ng		0.00
42) 2,4,6-Tribromophenol	16.184	330	169300	130.839	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	398711	71.990	ng		0.00
79) Terphenyl-d14	20.044	244	892262	82.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	11624	23.841	ng	#	86
3) Pyridine	3.916	79	33425	25.691	ng		92
4) n-Nitrosodimethylamine	3.828	42	23920	41.797	ng	#	93
6) Aniline	7.388	93	73281	40.851	ng		97
8) 2-Chlorophenol	7.635	128	59251	49.754	ng		90
9) Benzaldehyde	7.200	77	36287m	40.637	ng		
10) Phenol	7.265	94	75613	49.312	ng		93
11) bis(2-Chloroethyl)ether	7.476	93	49033	41.662	ng		91
12) 1,3-Dichlorobenzene	7.958	146	59525	39.890	ng		88
13) 1,4-Dichlorobenzene	8.105	146	60319	40.241	ng		98
14) 1,2-Dichlorobenzene	8.422	146	60137	41.792	ng		98
15) Benzyl Alcohol	8.305	79	55154m	48.773	ng		
16) 2,2'-oxybis(1-Chloropr...	8.587	45	73492	41.771	ng		98
17) 2-Methylphenol	8.510	107	52222	49.026	ng		93
18) Hexachloroethane	9.151	117	20473	41.171	ng	#	77
19) n-Nitroso-di-n-propyla...	8.869	70	44746	44.020	ng		97
20) 3+4-Methylphenols	8.839	107	73170	48.982	ng		94
22) Acetophenone	8.886	105	89554	38.960	ng	#	95
24) Nitrobenzene	9.274	77	65635	39.609	ng	#	86
25) Isophorone	9.797	82	126850	40.362	ng	#	93
26) 2-Nitrophenol	9.985	139	34363	46.950	ng	#	81
27) 2,4-Dimethylphenol	10.044	122	58817	49.649	ng		88
28) bis(2-Chloroethoxy)met...	10.273	93	73226	43.251	ng		98
29) 2,4-Dichlorophenol	10.532	162	73977	46.575	ng		90
30) 1,2,4-Trichlorobenzene	10.737	180	74842	38.054	ng	#	97
31) Naphthalene	10.925	128	180620	37.835	ng		99
32) Benzoic acid	10.197	122	28650	53.745	ng	#	82
33) 4-Chloroaniline	11.031	127	65971	33.310	ng		92
34) Hexachlorobutadiene	11.213	225	57046	37.727	ng		96
35) Caprolactam	11.801	113	23208m	53.076	ng		
36) 4-Chloro-3-methylphenol	12.159	107	75264	48.745	ng	#	83
37) 2-Methylnaphthalene	12.529	142	142646	40.386	ng		95
38) 1-Methylnaphthalene	12.747	142	137013	39.839	ng		97
40) 1,2,4,5-Tetrachloroben...	12.899	216	113745	36.653	ng	#	96
41) Hexachlorocyclopentadiene	12.876	237	80901	55.987	ng		97
43) 2,4,6-Trichlorophenol	13.134	196	71725	41.146	ng		98

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44) 2,4,5-Trichlorophenol	13.211	196	80175	41.192	ng	#	92
46) 1,1'-Biphenyl	13.528	154	209857	37.409	ng		97
47) 2-Chloronaphthalene	13.575	162	171323	37.737	ng		96
48) 2-Nitroaniline	13.769	65	53637	44.413	ng		92
49) Acenaphthylene	14.421	152	269088	38.117	ng		99
50) Dimethylphthalate	14.145	163	243133	39.640	ng		99
51) 2,6-Dinitrotoluene	14.268	165	54932	44.328	ng	#	72
52) Acenaphthene	14.762	154	195472m	43.438	ng		
53) 3-Nitroaniline	14.597	138	41787	34.806	ng		85
54) 2,4-Dinitrophenol	14.809	184	58125	84.564	ng	#	78
55) Dibenzofuran	15.091	168	284590	39.252	ng		95
56) 4-Nitrophenol	14.915	139	73274	85.965	ng	#	85
57) 2,4-Dinitrotoluene	15.056	165	79266	45.291	ng	#	85
58) Fluorene	15.743	166	234233	39.348	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.320	232	82076	43.120	ng	#	89
60) Diethylphthalate	15.502	149	240132	40.427	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	145239	40.753	ng		90
62) 4-Nitroaniline	15.761	138	50117	40.028	ng	#	78
63) Azobenzene	16.019	77	188984	39.526	ng		90
65) 4,6-Dinitro-2-methylph...	15.825	198	48604	45.410	ng		80
66) n-Nitrosodiphenylamine	15.943	169	220998	39.526	ng		96
67) 4-Bromophenyl-phenylether	16.624	248	107726	40.204	ng	#	91
68) Hexachlorobenzene	16.748	284	119938	39.131	ng	#	94
69) Atrazine	16.889	200	103069	44.499	ng		96
70) Pentachlorophenol	17.095	266	114390	80.344	ng		95
71) Phenanthrene	17.482	178	413058	37.475	ng		98
72) Anthracene	17.570	178	421847	39.192	ng		99
73) Carbazole	17.841	167	361616	39.141	ng		99
74) Di-n-butylphthalate	18.393	149	419101	39.234	ng	#	97
75) Fluoranthene	19.492	202	520124	35.947	ng		97
77) Benzidine	19.662	184	207023	46.042	ng		98
78) Pyrene	19.850	202	523000	39.882	ng		99
80) Butylbenzylphthalate	20.731	149	176988	42.107	ng		85
81) Benzo(a)anthracene	21.695	228	537316	38.220	ng		98
82) 3,3'-Dichlorobenzidine	21.607	252	169393	40.330	ng	#	97
83) Chrysene	21.766	228	499611	37.283	ng		97
84) Bis(2-ethylhexyl)phtha...	21.595	149	247614	41.189	ng	#	94
85) Di-n-octyl phthalate	22.817	149	418013	40.456	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.722	276	625900	38.410	ng	#	96
88) Benzo(b)fluoranthene	23.945	252	544029	41.436	ng		100
89) Benzo(k)fluoranthene	24.010	252	536598	41.279	ng		99
90) Benzo(a)pyrene	24.827	252	485215	43.802	ng		98
91) Dibenzo(a,h)anthracene	28.781	278	556916	41.330	ng		98
92) Benzo(g,h,i)perylene	29.885	276	538521	40.496	ng		95

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

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