Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054395.D
Acq On : 26 Jul 2022 12:44
Operator : CG/JU
Sample : PB146384BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 04:33:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB146384BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	18004	20.000	ng		-0.02
21) Naphthalene-d8	10.799	136	70105	20.000	ng	#	0.00
39) Acenaphthene-d10	14.624	164	56394	20.000	ng		0.00
64) Phenanthrene-d10	17.367	188	150135	20.000	ng	#	0.00
76) Chrysene-d12	21.633	240	163282	20.000	ng	#	-0.01
86) Perylene-d12	24.829	264	169337	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	128586	149.118	ng		0.00
7) Phenol-d6	7.173	99	164104	138.886	ng		0.00
23) Nitrobenzene-d5	9.153	82	111299	86.456	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	152971	129.191	ng		0.00
45) 2-Fluorobiphenyl	13.249	172	331950	83.037	ng		0.00
79) Terphenyl-d14	19.976	244	780282	94.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	11174	32.572	ng	#	93
3) Pyridine	3.813	79	28777	33.067	ng		99
4) n-Nitrosodimethylamine	3.725	42	23413	48.114	ng	#	73
6) Aniline	7.309	93	53713	39.382	ng		96
8) 2-Chlorophenol	7.561	128	51655	52.126	ng		90
9) Benzaldehyde	7.121	77	14240	21.164	ng		84
10) Phenol	7.203	94	61301	52.217	ng		96
11) bis(2-Chloroethyl)ether	7.403	93	41567	48.562	ng		91
12) 1,3-Dichlorobenzene	7.878	146	57457	47.587	ng		91
13) 1,4-Dichlorobenzene	8.019	146	57546	46.152	ng		95
14) 1,2-Dichlorobenzene	8.343	146	55598	47.285	ng		98
15) Benzyl Alcohol	8.225	79	48140	49.537	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.513	45	50174	46.543	ng		93
17) 2-Methylphenol	8.448	107	42525	50.257	ng		97
18) Hexachloroethane	9.071	117	20556	49.789	ng	#	73
19) n-Nitroso-di-n-propyla...	8.795	70	35839	45.422	ng	#	89
20) 3+4-Methylphenols	8.772	107	56824	47.662	ng		96
22) Acetophenone	8.813	105	75796	44.953	ng	#	97
24) Nitrobenzene	9.195	77	55649	44.232	ng	#	89
25) Isophorone	9.717	82	102121	45.612	ng	#	89
26) 2-Nitrophenol	9.906	139	29807	47.002	ng		90
27) 2,4-Dimethylphenol	9.976	122	48936	55.860	ng		90
28) bis(2-Chloroethoxy)met...	10.193	93	56074	49.658	ng	#	97
29) 2,4-Dichlorophenol	10.458	162	62776	47.474	ng		88
30) 1,2,4-Trichlorobenzene	10.658	180	72066	44.005	ng		91
31) Naphthalene	10.846	128	152968	43.468	ng		99
32) Benzoic acid	10.141	122	16942	48.608	ng	#	78
33) 4-Chloroaniline	10.957	127	50487	35.279	ng		94
34) Hexachlorobutadiene	11.128	225	62393	43.110	ng		99
35) Caprolactam	11.733	113	16419m	49.314	ng		
36) 4-Chloro-3-methylphenol	12.097	107	58305	48.467	ng		89
37) 2-Methylnaphthalene	12.455	142	116675	43.173	ng		95
38) 1-Methylnaphthalene	12.673	142	112626	42.770	ng		98
40) 1,2,4,5-Tetrachloroben...	12.826	216	109122	44.166	ng	#	94
41) Hexachlorocyclopentadiene	12.802	237	62603	78.230	ng		97
43) 2,4,6-Trichlorophenol	13.067	196	63283	47.041	ng		96

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44) 2,4,5-Trichlorophenol	13.155	196	66154	43.522	ng	#	91
46) 1,1'-Biphenyl	13.460	154	171109	44.351	ng		96
47) 2-Chloronaphthalene	13.501	162	140362	43.472	ng		96
48) 2-Nitroaniline	13.707	65	38893	46.156	ng		89
49) Acenaphthylene	14.347	152	218832	45.613	ng		99
50) Dimethylphthalate	14.077	163	192796	43.768	ng		99
51) 2,6-Dinitrotoluene	14.200	165	44010	45.551	ng	#	78
52) Acenaphthene	14.688	154	126425	43.517	ng		95
53) 3-Nitroaniline	14.530	138	28725	35.548	ng		84
54) 2,4-Dinitrophenol	14.753	184	48620	86.146	ng	#	77
55) Dibenzofuran	15.023	168	225237	43.573	ng		96
56) 4-Nitrophenol	14.876	139	49417	91.664	ng		96
57) 2,4-Dinitrotoluene	14.994	165	63077	45.540	ng	#	84
58) Fluorene	15.669	166	183172	43.099	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.258	232	65732	44.418	ng	#	86
60) Diethylphthalate	15.434	149	189000	44.726	ng		97
61) 4-Chlorophenyl-phenyle...	15.658	204	124684	44.693	ng	#	88
62) 4-Nitroaniline	15.699	138	36717	43.250	ng		87
63) Azobenzene	15.951	77	133442	43.705	ng		85
65) 4,6-Dinitro-2-methylph...	15.763	198	39745	42.850	ng		79
66) n-Nitrosodiphenylamine	15.875	169	171913	45.863	ng		96
67) 4-Bromophenyl-phenylether	16.551	248	94228	44.688	ng	#	89
68) Hexachlorobenzene	16.686	284	108902	45.163	ng	#	88
69) Atrazine	16.821	200	80873	48.485	ng		94
70) Pentachlorophenol	17.032	266	86562	82.634	ng		96
71) Phenanthrene	17.414	178	331605	44.352	ng		97
72) Anthracene	17.502	178	331716	45.212	ng		98
73) Carbazole	17.773	167	287436	47.585	ng		98
74) Di-n-butylphthalate	18.325	149	328702	46.113	ng	#	97
75) Fluoranthene	19.424	202	434960	42.677	ng		95
77) Benzidine	19.594	184	137399	46.463	ng		96
78) Pyrene	19.782	202	437454	46.692	ng		97
80) Butylbenzylphthalate	20.663	149	133461	45.711	ng	#	83
81) Benzo(a)anthracene	21.615	228	464303	44.795	ng		99
82) 3,3'-Dichlorobenzidine	21.527	252	145160	45.031	ng	#	95
83) Chrysene	21.680	228	430626	43.975	ng		98
84) Bis(2-ethylhexyl)phtha...	21.510	149	188001	45.506	ng	#	92
85) Di-n-octyl phthalate	22.708	149	326786	46.365	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.507	276	568510	44.131	ng		98
88) Benzo(b)fluoranthene	23.813	252	484064	48.337	ng	#	99
89) Benzo(k)fluoranthene	23.889	252	479822	48.143	ng	#	97
90) Benzo(a)pyrene	24.688	252	469692	54.919	ng	#	98
91) Dibenzo(a,h)anthracene	28.560	278	505746	47.744	ng	#	96
92) Benzo(g,h,i)perylene	29.653	276	498111	47.644	ng	#	92

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

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