Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054305.D
Acq On : 15 Jul 2022 16:48
Operator : CG/JU
Sample : PB146157BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 01:08:23 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 :
PB146157BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.995	152	15093	20.000	ng		0.00
21) Naphthalene-d8	10.809	136	57159	20.000	ng	#	0.00
39) Acenaphthene-d10	14.634	164	47599	20.000	ng		0.00
64) Phenanthrene-d10	17.378	188	130226	20.000	ng	#	0.00
76) Chrysene-d12	21.643	240	162485	20.000	ng	#	0.00
86) Perylene-d12	24.840	264	174049	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.568	112	100116	138.495	ng		0.00
7) Phenol-d6	7.172	99	129042	130.276	ng		0.00
23) Nitrobenzene-d5	9.164	82	83613	79.661	ng		0.00
42) 2,4,6-Tribromophenol	16.126	330	130864	130.942	ng		0.00
45) 2-Fluorobiphenyl	13.259	172	269202	79.784	ng		0.00
79) Terphenyl-d14	19.986	244	711781	86.902	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.424	88	9143m	31.792	ng		
3) Pyridine	3.829	79	24741m	33.912	ng		
4) n-Nitrosodimethylamine	3.747	42	19141	46.922	ng	#	74
6) Aniline	7.319	93	46889	41.010	ng		98
8) 2-Chlorophenol	7.566	128	39075	47.036	ng		88
9) Benzaldehyde	7.131	77	19874	39.005	ng	#	75
10) Phenol	7.196	94	45539	46.273	ng		92
11) bis(2-Chloroethyl)ether	7.413	93	30363	42.314	ng		91
12) 1,3-Dichlorobenzene	7.889	146	43964	43.435	ng		94
13) 1,4-Dichlorobenzene	8.036	146	45306	43.344	ng		95
14) 1,2-Dichlorobenzene	8.353	146	44529	45.175	ng		99
15) Benzyl Alcohol	8.236	79	36748	45.107	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.529	45	37965	42.010	ng		93
17) 2-Methylphenol	8.447	107	32967	46.476	ng		96
18) Hexachloroethane	9.088	117	15373	44.417	ng	#	65
19) n-Nitroso-di-n-propyla...	8.805	70	27865	42.127	ng	#	95
20) 3+4-Methylphenols	8.776	107	44169	44.193	ng		98
22) Acetophenone	8.823	105	58071	42.241	ng	#	97
24) Nitrobenzene	9.199	77	42464	41.397	ng	#	88
25) Isophorone	9.728	82	79117	43.341	ng	#	93
26) 2-Nitrophenol	9.916	139	22656	43.817	ng		93
27) 2,4-Dimethylphenol	9.981	122	36600	51.241	ng		94
28) bis(2-Chloroethoxy)met...	10.210	93	42652	46.327	ng	#	95
29) 2,4-Dichlorophenol	10.462	162	49509	45.921	ng		87
30) 1,2,4-Trichlorobenzene	10.668	180	55646	41.674	ng	#	96
31) Naphthalene	10.856	128	117746	41.037	ng		99
32) Benzoic acid	10.151	122	10317m	38.246	ng		
33) 4-Chloroaniline	10.968	127	42510	36.432	ng		93
34) Hexachlorobutadiene	11.144	225	49651	42.076	ng		98
35) Caprolactam	11.731	113	12768m	47.034	ng		
36) 4-Chloro-3-methylphenol	12.096	107	45706	46.600	ng	#	83
37) 2-Methylnaphthalene	12.466	142	93440	42.407	ng		99
38) 1-Methylnaphthalene	12.683	142	88684	41.305	ng		99
40) 1,2,4,5-Tetrachloroben...	12.836	216	88385	42.383	ng	#	95
41) Hexachlorocyclopentadiene	12.813	237	71234	102.505	ng		97
43) 2,4,6-Trichlorophenol	13.071	196	50211	44.220	ng		99

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44) 2,4,5-Trichlorophenol	13.153	196	55056m	42.913	ng		
46) 1,1'-Biphenyl	13.471	154	138482	42.526	ng		96
47) 2-Chloronaphthalene	13.512	162	113697	41.720	ng		94
48) 2-Nitroaniline	13.711	65	30779	43.276	ng	#	88
49) Acenaphthylene	14.358	152	170460	42.095	ng		99
50) Dimethylphthalate	14.088	163	158688	42.682	ng	#	99
51) 2,6-Dinitrotoluene	14.205	165	36245	44.446	ng	#	79
52) Acenaphthene	14.699	154	102677	41.873	ng		98
53) 3-Nitroaniline	14.534	138	24314	35.649	ng		84
54) 2,4-Dinitrophenol	14.751	184	37815	79.900	ng	#	79
55) Dibenzofuran	15.033	168	185555	42.529	ng		94
56) 4-Nitrophenol	14.857	139	44982	98.855	ng		98
57) 2,4-Dinitrotoluene	14.998	165	52848	45.205	ng	#	84
58) Fluorene	15.680	166	153818	42.879	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.263	232	52510	42.039	ng	#	87
60) Diethylphthalate	15.445	149	154265	43.252	ng		97
61) 4-Chlorophenyl-phenyle...	15.668	204	105533	44.818	ng	#	87
62) 4-Nitroaniline	15.697	138	30850	43.054	ng		92
63) Azobenzene	15.962	77	109882	42.638	ng		84
65) 4,6-Dinitro-2-methylph...	15.762	198	33211	41.279	ng		81
66) n-Nitrosodiphenylamine	15.885	169	142625	43.867	ng		96
67) 4-Bromophenyl-phenylether	16.561	248	79105	43.251	ng		88
68) Hexachlorobenzene	16.690	284	91162	43.586	ng	#	88
69) Atrazine	16.831	200	74904	51.771	ng		93
70) Pentachlorophenol	17.037	266	73960	81.454	ng		96
71) Phenanthrene	17.419	178	276471	42.631	ng		97
72) Anthracene	17.513	178	281571	44.244	ng		99
73) Carbazole	17.777	167	240838	45.966	ng		98
74) Di-n-butylphthalate	18.335	149	274422	44.383	ng		98
75) Fluoranthene	19.428	202	394572	44.633	ng		95
77) Benzidine	19.605	184	196808	66.879	ng		98
78) Pyrene	19.793	202	396010	42.475	ng		97
80) Butylbenzylphthalate	20.674	149	123745	42.591	ng	#	82
81) Benzo(a)anthracene	21.626	228	437482	42.415	ng		99
82) 3,3'-Dichlorobenzidine	21.532	252	126135	39.321	ng	#	97
83) Chrysene	21.690	228	411533	42.231	ng		98
84) Bis(2-ethylhexyl)phtha...	21.526	149	179469	43.654	ng	#	93
85) Di-n-octyl phthalate	22.724	149	306400	43.686	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.506	276	561652	42.419	ng	#	99
88) Benzo(b)fluoranthene	23.829	252	491716	47.772	ng	#	97
89) Benzo(k)fluoranthene	23.894	252	456953	44.608	ng	#	97
90) Benzo(a)pyrene	24.699	252	423785	48.210	ng	#	98
91) Dibenzo(a,h)anthracene	28.571	278	489956	45.001	ng	#	95
92) Benzo(g,h,i)perylene	29.658	276	481852	44.841	ng	#	92

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

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