Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035453.D
Acq On : 10 Jun 2022 17:32
Operator : CG/JU
Sample : SP5915
Misc : 8270/625 SPIKE
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 11 00:55:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 16:05:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP5915

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	302079	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	1299986	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	729247	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1283691	20.000	ng	#	0.00
76) Chrysene-d12	21.398	240	870739	20.000	ng		0.00
86) Perylene-d12	23.739	264	793231	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	362752	53.390	ng		94
3) Pyridine	3.705	79	963516	50.705	ng		96
4) n-Nitrosodimethylamine	3.616	42	503101	57.361	ng		82
6) Aniline	7.151	93	1522490	57.060	ng		99
8) 2-Chlorophenol	7.393	128	1265045	61.864	ng		96
9) Benzaldehyde	6.963	77	880799	71.075	ng		95
10) Phenol	7.034	94	1478828	61.668	ng		94
11) bis(2-Chloroethyl)ether	7.246	93	1105555	57.517	ng		99
12) 1,3-Dichlorobenzene	7.710	146	1253925	57.483	ng		97
13) 1,4-Dichlorobenzene	7.857	146	1279364	57.289	ng		99
14) 1,2-Dichlorobenzene	8.169	146	1245560	57.145	ng		99
15) Benzyl Alcohol	8.069	79	977006m	59.080	ng		
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1843964	55.236	ng		98
17) 2-Methylphenol	8.281	107	1008265	61.270	ng		95
18) Hexachloroethane	8.892	117	469411	58.610	ng		94
19) n-Nitroso-di-n-propyla...	8.634	70	864306	55.702	ng		97
20) 3+4-Methylphenols	8.610	107	1363096	59.090	ng		96
22) Acetophenone	8.651	105	1730805	54.971	ng	#	96
24) Nitrobenzene	9.028	77	1232673	56.278	ng		96
25) Isophorone	9.557	82	2290836	58.885	ng		98
26) 2-Nitrophenol	9.739	139	663040	59.150	ng		94
27) 2,4-Dimethylphenol	9.810	122	1109991	67.574	ng		99
28) bis(2-Chloroethoxy)met...	10.039	93	1493820	55.187	ng		99
29) 2,4-Dichlorophenol	10.281	162	1084580	59.251	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	1083952	53.266	ng		99
31) Naphthalene	10.669	128	3575933	54.918	ng		100
32) Benzoic acid	10.016	122	773238	50.191	ng		97
33) 4-Chloroaniline	10.792	127	939145	35.449	ng		96
34) Hexachlorobutadiene	10.957	225	612442	53.478	ng		99
35) Caprolactam	11.598	113	312038m	50.292	ng		
36) 4-Chloro-3-methylphenol	11.933	107	1118513	53.898	ng		99
37) 2-Methylnaphthalene	12.286	142	2439939	54.413	ng		98
38) 1-Methylnaphthalene	12.504	142	2307419	52.648	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	1132509	55.102	ng		99
41) Hexachlorocyclopentadiene	12.633	237	1277785	151.216	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	774170	54.914	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.986	196	830503	54.607	ng		97
46)	1,1'-Biphenyl	13.298	154	3090479	54.414	ng		98
47)	2-Chloronaphthalene	13.339	162	2361876	55.295	ng		98
48)	2-Nitroaniline	13.551	65	691444	53.476	ng		97
49)	Acenaphthylene	14.186	152	3660226	54.707	ng		100
50)	Dimethylphthalate	13.933	163	2740744	51.072	ng		99
51)	2,6-Dinitrotoluene	14.051	165	613316	54.596	ng		89
52)	Acenaphthene	14.527	154	2173991	55.782	ng		99
53)	3-Nitroaniline	14.380	138	385899	32.009	ng		98
54)	2,4-Dinitrophenol	14.598	184	672936	93.842	ng		89
55)	Dibenzofuran	14.863	168	3305967	52.946	ng		98
56)	4-Nitrophenol	14.710	139	923372	95.839	ng		85
57)	2,4-Dinitrotoluene	14.845	165	793976	55.657	ng		96
58)	Fluorene	15.516	166	2624618	53.806	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.098	232	643817	53.229	ng		95
60)	Diethylphthalate	15.292	149	2670168	50.843	ng		99
61)	4-Chlorophenyl-phenyle...	15.510	204	1246164	52.795	ng		99
62)	4-Nitroaniline	15.545	138	578121	49.549	ng		88
63)	Azobenzene	15.798	77	2544493	51.153	ng		98
65)	4,6-Dinitro-2-methylph...	15.610	198	403163	49.882	ng		94
66)	n-Nitrosodiphenylamine	15.727	169	2236008	58.493	ng		99
67)	4-Bromophenyl-phenylether	16.398	248	745260	56.266	ng		98
68)	Hexachlorobenzene	16.521	284	822700	56.813	ng		95
69)	Atrazine	16.680	200	709392	61.130	ng		97
70)	Pentachlorophenol	16.868	266	869876	114.082	ng		99
71)	Phenanthrene	17.251	178	3665960	53.809	ng		99
72)	Anthracene	17.345	178	3728642	56.091	ng		99
73)	Carbazole	17.615	167	3244618	50.339	ng		99
74)	Di-n-butylphthalate	18.180	149	4114660	53.373	ng		99
75)	Fluoranthene	19.268	202	3581944	50.630	ng		96
77)	Benzidine	19.456	184	2608248	162.948	ng		100
78)	Pyrene	19.633	202	3609965	59.066	ng		100
80)	Butylbenzylphthalate	20.533	149	1540304	56.895	ng		98
81)	Benzo(a)anthracene	21.380	228	2966732	54.690	ng		99
82)	3,3'-Dichlorobenzidine	21.315	252	747615	59.865	ng		99
83)	Chrysene	21.433	228	2799377	53.427	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.315	149	2224714	57.296	ng	#	99
85)	Di-n-octyl phthalate	22.215	149	3514813	55.716	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.168	276	2894408	52.819	ng	#	93
88)	Benzo(b)fluoranthene	23.033	252	2719868	58.212	ng	#	97
89)	Benzo(k)fluoranthene	23.074	252	2726141	57.633	ng	#	97
90)	Benzo(a)pyrene	23.639	252	2362511	59.932	ng	#	97
91)	Dibenzo(a,h)anthracene	26.174	278	2533621	55.889	ng	#	96
92)	Benzo(g,h,i)perylene	26.909	276	2541065	56.352	ng	#	95

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

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