Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035190.D
Acq On : 23 May 2022 12:36
Operator : CG/JU
Sample : PB144942BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 03:15:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144942BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	190421	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	786452	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	496017	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	955840	20.000	ng		0.00
76) Chrysene-d12	21.468	240	775080	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	626042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1475497	136.702	ng		0.00
7) Phenol-d6	7.081	99	1862702	133.682	ng		0.00
23) Nitrobenzene-d5	9.069	82	1210118	83.093	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	802128	148.661	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3004384	87.928	ng		0.00
79) Terphenyl-d14	19.909	244	4034298	100.780	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	124479	28.503	ng		97
3) Pyridine	3.781	79	301145	24.749	ng		95
4) n-Nitrosodimethylamine	3.693	42	248146	41.361	ng		91
6) Aniline	7.228	93	662876	41.416	ng		100
8) 2-Chlorophenol	7.469	128	591302	49.222	ng		97
9) Benzaldehyde	7.040	77	246628	27.195	ng		98
10) Phenol	7.104	94	697094	48.919	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	501511	46.749	ng		96
12) 1,3-Dichlorobenzene	7.792	146	589002	43.284	ng		98
13) 1,4-Dichlorobenzene	7.939	146	613539	44.055	ng		99
14) 1,2-Dichlorobenzene	8.257	146	595682	44.928	ng		99
15) Benzyl Alcohol	8.145	79	508755m	48.858	ng		
16) 2,2'-oxybis(1-Chloropr...	8.439	45	686695	39.497	ng		96
17) 2-Methylphenol	8.357	107	478645	49.466	ng		99
18) Hexachloroethane	8.986	117	216865	42.426	ng		90
19) n-Nitroso-di-n-propyla...	8.722	70	418008	45.825	ng		95
20) 3+4-Methylphenols	8.687	107	647366	48.896	ng		98
22) Acetophenone	8.734	105	843518	44.286	ng	#	95
24) Nitrobenzene	9.110	77	609252	41.588	ng		97
25) Isophorone	9.639	82	1061293	43.586	ng		98
26) 2-Nitrophenol	9.822	139	324179	50.712	ng		96
27) 2,4-Dimethylphenol	9.886	122	524761	53.234	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	667252	47.617	ng		99
29) 2,4-Dichlorophenol	10.357	162	577636	49.701	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	617696	46.954	ng		97
31) Naphthalene	10.757	128	1719584	42.386	ng		99
32) Benzoic acid	10.051	122	406029	51.341	ng		97
33) 4-Chloroaniline	10.863	127	423797	25.969	ng		98
34) Hexachlorobutadiene	11.051	225	396446	48.809	ng		99
35) Caprolactam	11.669	113	161542	48.124	ng		89
36) 4-Chloro-3-methylphenol	11.998	107	576299	47.919	ng		98
37) 2-Methylnaphthalene	12.369	142	1284878	45.707	ng		99
38) 1-Methylnaphthalene	12.586	142	1174282	42.776	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	738731	52.304	ng		98
41) Hexachlorocyclopentadiene	12.722	237	904247	106.933	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	478094	50.004	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	516672	48.664	ng		96
46) 1,1'-Biphenyl	13.380	154	1676291	44.858	ng		99
47) 2-Chloronaphthalene	13.422	162	1282085	44.025	ng		99
48) 2-Nitroaniline	13.621	65	356896	42.602	ng		96
49) Acenaphthylene	14.263	152	1949186	43.474	ng		99
50) Dimethylphthalate	14.004	163	1575926	42.615	ng		99
51) 2,6-Dinitrotoluene	14.121	165	347738	46.186	ng		88
52) Acenaphthene	14.610	154	1430004m	47.075	ng		
53) 3-Nitroaniline	14.445	138	247777	30.673	ng		97
54) 2,4-Dinitrophenol	14.657	184	428851	96.836	ng		88
55) Dibenzofuran	14.939	168	1868596	43.088	ng		98
56) 4-Nitrophenol	14.763	139	558998	84.720	ng		96
57) 2,4-Dinitrotoluene	14.910	165	477480	47.312	ng		93
58) Fluorene	15.592	166	1528360	42.428	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	439949	48.742	ng	#	89
60) Diethylphthalate	15.368	149	1563165	41.501	ng		98
61) 4-Chlorophenyl-phenyle...	15.586	204	811890	47.094	ng		93
62) 4-Nitroaniline	15.610	138	331042	39.576	ng		98
63) Azobenzene	15.874	77	1330474	38.730	ng		97
65) 4,6-Dinitro-2-methylph...	15.674	198	267717	46.854	ng		92
66) n-Nitrosodiphenylamine	15.798	169	1320668	45.591	ng		99
67) 4-Bromophenyl-phenylether	16.480	248	495595	51.008	ng		92
68) Hexachlorobenzene	16.598	284	553156	50.427	ng	#	92
69) Atrazine	16.757	200	484541	49.822	ng		97
70) Pentachlorophenol	16.939	266	694497	101.047	ng		98
71) Phenanthrene	17.327	178	2290920	43.004	ng		100
72) Anthracene	17.421	178	2321327	45.128	ng		100
73) Carbazole	17.692	167	2009880	42.783	ng		99
74) Di-n-butylphthalate	18.256	149	2514508	42.067	ng		100
75) Fluoranthene	19.345	202	2537619	43.382	ng		98
77) Benzidine	19.527	184	802776	33.904	ng		99
78) Pyrene	19.703	202	2559420	49.934	ng		100
80) Butylbenzylphthalate	20.609	149	997064	44.318	ng		92
81) Benzo(a)anthracene	21.456	228	2196585	42.472	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	693167	45.984	ng		98
83) Chrysene	21.509	228	2148609	43.494	ng		100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1414027	40.873	ng	#	97
85) Di-n-octyl phthalate	22.309	149	2211616	38.778	ng		96
87) Indeno(1,2,3-cd)pyrene	26.332	276	2085768	43.821	ng		97
88) Benzo(b)fluoranthene	23.133	252	2003235	50.875	ng		99
89) Benzo(k)fluoranthene	23.180	252	1892678	47.484	ng		99
90) Benzo(a)pyrene	23.750	252	1841021	56.279	ng		98
91) Dibenzo(a,h)anthracene	26.344	278	1780446	44.593	ng		97
92) Benzo(g,h,i)perylene	27.091	276	1755958	45.772	ng		96

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

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