Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035235.D
Acq On : 25 May 2022 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 05:05:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 05:05:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	137340	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	524151	20.000	ng		0.00
39) Acenaphthene-d10	14.527	164	331878	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	678736	20.000	ng		0.00
76) Chrysene-d12	21.456	240	654792	20.000	ng	#	0.00
86) Perylene-d12	23.833	264	663188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	636295	81.736	ng		0.00
7) Phenol-d6	7.063	99	840713	83.656	ng		0.00
23) Nitrobenzene-d5	9.051	82	848048	87.372	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	380092	105.284	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	2121266	92.787	ng		0.00
79) Terphenyl-d14	19.898	244	3037313	89.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	117423	37.279	ng		94
3) Pyridine	3.769	79	305092	34.764	ng		94
4) n-Nitrosodimethylamine	3.681	42	170202	39.334	ng		97
6) Aniline	7.216	93	454380	39.362	ng		99
8) 2-Chlorophenol	7.457	128	361870	41.766	ng		94
9) Benzaldehyde	7.028	77	211900	32.397	ng		96
10) Phenol	7.093	94	404310	39.338	ng		98
11) bis(2-Chloroethyl)ether	7.316	93	317766	41.069	ng		95
12) 1,3-Dichlorobenzene	7.781	146	416866	42.474	ng		99
13) 1,4-Dichlorobenzene	7.922	146	422946	42.107	ng		100
14) 1,2-Dichlorobenzene	8.239	146	412906	43.179	ng		98
15) Benzyl Alcohol	8.134	79	319291	42.514	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.422	45	422246	33.674	ng		95
17) 2-Methylphenol	8.339	107	289015	41.412	ng		98
18) Hexachloroethane	8.969	117	150958	40.947	ng		88
19) n-Nitroso-di-n-propyla...	8.704	70	267327	40.633	ng		95
20) 3+4-Methylphenols	8.669	107	398179	41.699	ng		99
22) Acetophenone	8.716	105	545858	43.000	ng	#	96
24) Nitrobenzene	9.092	77	383664	39.295	ng		99
25) Isophorone	9.628	82	655529	40.395	ng		97
26) 2-Nitrophenol	9.804	139	206334	48.430	ng		97
27) 2,4-Dimethylphenol	9.869	122	283231	43.111	ng		97
28) bis(2-Chloroethoxy)met...	10.104	93	431160	46.166	ng		99
29) 2,4-Dichlorophenol	10.345	162	362077	46.744	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	418314	47.711	ng		99
31) Naphthalene	10.739	128	1113143	41.168	ng		100
32) Benzoic acid	10.033	122	258002	48.949	ng		98
33) 4-Chloroaniline	10.851	127	448866	41.269	ng		98
34) Hexachlorobutadiene	11.033	225	286649	52.952	ng		97
35) Caprolactam	11.651	113	101474	45.357	ng		89
36) 4-Chloro-3-methylphenol	11.986	107	358155	44.683	ng		99
37) 2-Methylnaphthalene	12.351	142	793225	42.339	ng		99
38) 1-Methylnaphthalene	12.575	142	767856	41.969	ng		98
40) 1,2,4,5-Tetrachloroben...	12.722	216	482724	51.082	ng	#	97
41) Hexachlorocyclopentadiene	12.704	237	257205	45.459	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	320438	50.090	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.039	196	337717	47.540	ng		93
46)	1,1'-Biphenyl	13.363	154	1076233	43.045	ng		99
47)	2-Chloronaphthalene	13.404	162	832097	42.704	ng		100
48)	2-Nitroaniline	13.610	65	223642	39.899	ng		93
49)	Acenaphthylene	14.251	152	1250137	41.672	ng		100
50)	Dimethylphthalate	13.992	163	1034599	41.814	ng		99
51)	2,6-Dinitrotoluene	14.104	165	215322	42.743	ng		91
52)	Acenaphthene	14.592	154	751935	36.996	ng		100
53)	3-Nitroaniline	14.433	138	216469	40.050	ng		99
54)	2,4-Dinitrophenol	14.645	184	139109	46.946	ng		90
55)	Dibenzofuran	14.927	168	1247063	42.978	ng		98
56)	4-Nitrophenol	14.751	139	174823	39.600	ng		94
57)	2,4-Dinitrotoluene	14.898	165	293529	43.469	ng		89
58)	Fluorene	15.574	166	986870	40.945	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.157	232	295377	48.909	ng	#	89
60)	Diethylphthalate	15.351	149	1030239	40.880	ng		99
61)	4-Chlorophenyl-phenyle...	15.568	204	547819	47.493	ng		94
62)	4-Nitroaniline	15.598	138	225068	40.214	ng		97
63)	Azobenzene	15.863	77	862427	37.521	ng		96
65)	4,6-Dinitro-2-methylph...	15.663	198	201486	49.659	ng		87
66)	n-Nitrosodiphenylamine	15.786	169	857710	41.697	ng		100
67)	4-Bromophenyl-phenylether	16.462	248	335486	48.626	ng		95
68)	Hexachlorobenzene	16.586	284	361989	46.472	ng	#	89
69)	Atrazine	16.739	200	298794	43.266	ng		97
70)	Pentachlorophenol	16.927	266	225266	46.156	ng		99
71)	Phenanthrene	17.315	178	1502220	39.712	ng		100
72)	Anthracene	17.404	178	1492656	40.865	ng		100
73)	Carbazole	17.674	167	1411297	42.306	ng		99
74)	Di-n-butylphthalate	18.245	149	1721612	40.561	ng		100
75)	Fluoranthene	19.327	202	1741213	41.919	ng		97
77)	Benzidine	19.515	184	546008	27.296	ng		99
78)	Pyrene	19.692	202	1792055	41.386	ng		100
80)	Butylbenzylphthalate	20.592	149	771862	40.610	ng		95
81)	Benzo(a)anthracene	21.439	228	1798545	41.164	ng		99
82)	3,3'-Dichlorobenzidine	21.374	252	467532	36.713	ng	#	99
83)	Chrysene	21.492	228	1709741	40.968	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.374	149	1141976	39.073	ng	#	97
85)	Di-n-octyl phthalate	22.292	149	1901926	39.474	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.303	276	2046589	40.589	ng		95
88)	Benzo(b)fluoranthene	23.109	252	1673147	40.112	ng		99
89)	Benzo(k)fluoranthene	23.162	252	1739101m	41.187	ng		
90)	Benzo(a)pyrene	23.727	252	1455498	42.001	ng		98
91)	Dibenzo(a,h)anthracene	26.315	278	1701978	40.240	ng		97
92)	Benzo(g,h,i)perylene	27.056	276	1665197	40.975	ng	#	95

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

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