Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126039.D
Acq On : 4 Nov 2021 11:26
Operator : JU/CG
Sample : PB140305BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 14:21:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140305BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

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11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	170451	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	650227	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	406079	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	744993	20.000	ng		0.00
76) Chrysene-d12	14.010	240	547164	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	382517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1175544	118.435	ng		0.02
7) Phenol-d6	6.487	99	1541161	110.146	ng		0.00
23) Nitrobenzene-d5	7.416	82	1134586	82.290	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	588599	126.480	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2227581	74.130	ng		0.00
79) Terphenyl-d14	12.963	244	2708459	79.821	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	135220	32.763	ng	#	100
3) Pyridine	3.451	79	314619	28.329	ng		94
4) n-Nitrosodimethylamine	3.404	42	312686	40.150	ng	#	84
6) Aniline	6.516	93	558148	36.176	ng	#	88
8) 2-Chlorophenol	6.639	128	448637	42.300	ng		83
9) Benzaldehyde	6.398	77	306008	36.817	ng	#	84
10) Phenol	6.498	94	597111	41.736	ng		75
11) bis(2-Chloroethyl)ether	6.592	93	429827	41.248	ng		87
12) 1,3-Dichlorobenzene	6.792	146	490246	40.585	ng	#	92
13) 1,4-Dichlorobenzene	6.869	146	497201	40.366	ng		92
14) 1,2-Dichlorobenzene	7.022	146	476751	40.175	ng		95
15) Benzyl Alcohol	6.998	79	492660	41.229	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	761946	39.765	ng		93
17) 2-Methylphenol	7.104	107	387110	42.887	ng	#	88
18) Hexachloroethane	7.369	117	197357	42.648	ng	#	83
19) n-Nitroso-di-n-propyla...	7.269	70	400124	43.378	ng	#	83
20) 3+4-Methylphenols	7.257	107	518357	42.477	ng	#	76
22) Acetophenone	7.263	105	736995	39.244	ng	#	82
24) Nitrobenzene	7.434	77	587339	43.010	ng	#	80
25) Isophorone	7.681	82	1007276	40.577	ng	#	87
26) 2-Nitrophenol	7.751	139	226069	46.911	ng	#	57
27) 2,4-Dimethylphenol	7.786	122	424222	46.873	ng	#	77
28) bis(2-Chloroethoxy)met...	7.886	93	561848	38.382	ng	#	97
29) 2,4-Dichlorophenol	7.992	162	428475	41.942	ng		95
30) 1,2,4-Trichlorobenzene	8.075	180	482591	38.742	ng		99
31) Naphthalene	8.157	128	1330137	39.494	ng		99
32) Benzoic acid	7.922	122	242912	44.169	ng	#	74
33) 4-Chloroaniline	8.204	127	382309	28.403	ng	#	89
34) Hexachlorobutadiene	8.281	225	333313	38.871	ng		99
35) Caprolactam	8.575	113	119265m	41.923	ng		
36) 4-Chloro-3-methylphenol	8.686	107	491337	41.707	ng	#	85
37) 2-Methylnaphthalene	8.851	142	971717	41.775	ng		100
38) 1-Methylnaphthalene	8.951	142	908206	40.309	ng		97
40) 1,2,4,5-Tetrachloroben...	9.016	216	534337	39.264	ng		98
41) Hexachlorocyclopentadiene	9.004	237	714623	101.066	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	346041	41.990	ng		99

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44) 2,4,5-Trichlorophenol	9.163	196	361065	40.556	ng		95
46) 1,1'-Biphenyl	9.316	154	1197928	38.166	ng		98
47) 2-Chloronaphthalene	9.339	162	959330	38.831	ng		99
48) 2-Nitroaniline	9.433	65	359491	44.697	ng	#	78
49) Acenaphthylene	9.751	152	1506005	40.309	ng		98
50) Dimethylphthalate	9.616	163	1189071	40.220	ng	#	98
51) 2,6-Dinitrotoluene	9.675	165	250089	49.352	ng	#	71
52) Acenaphthene	9.927	154	1074559	45.600	ng		97
53) 3-Nitroaniline	9.839	138	173152	33.331	ng	#	61
54) 2,4-Dinitrophenol	9.951	184	233670	84.988	ng		94
55) Dibenzofuran	10.098	168	1372429	38.688	ng		97
56) 4-Nitrophenol	10.004	139	360377	87.898	ng	#	40
57) 2,4-Dinitrotoluene	10.080	165	341538	46.867	ng	#	95
58) Fluorene	10.439	166	1122201	39.404	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.210	232	318306	42.222	ng	#	89
60) Diethylphthalate	10.316	149	1196981	40.373	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	605425	39.749	ng		88
62) 4-Nitroaniline	10.457	138	233145	43.030	ng	#	77
63) Azobenzene	10.592	77	1249180	38.803	ng		93
65) 4,6-Dinitro-2-methylph...	10.486	198	154690	43.969	ng		91
66) n-Nitrosodiphenylamine	10.551	169	958503	40.401	ng		95
67) 4-Bromophenyl-phenylether	10.922	248	374013	41.448	ng		97
68) Hexachlorobenzene	10.986	284	402599	42.710	ng		92
69) Atrazine	11.080	200	374633	44.643	ng		91
70) Pentachlorophenol	11.180	266	468848	92.304	ng		93
71) Phenanthrene	11.398	178	1663948	41.186	ng		97
72) Anthracene	11.451	178	1689508	41.886	ng		98
73) Carbazole	11.604	167	1444716	38.618	ng		99
74) Di-n-butylphthalate	11.939	149	1836394	42.129	ng		99
75) Fluoranthene	12.586	202	1845095	41.011	ng		95
77) Benzidine	12.704	184	753232	41.180	ng		96
78) Pyrene	12.816	202	1838203	41.892	ng		96
80) Butylbenzylphthalate	13.433	149	738485	46.204	ng	#	85
81) Benzo(a)anthracene	13.998	228	1505047	40.039	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	372308	33.942	ng	#	97
83) Chrysene	14.039	228	1423323	40.695	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	1024737	46.259	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1452712	46.157	ng		99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1012636	44.725	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1141447	45.876	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	1033993m	42.841	ng		
90) Benzo(a)pyrene	15.409	252	986765	50.340	ng	#	94
91) Dibenzo(a,h)anthracene	16.945	278	847255	45.561	ng	#	91
92) Benzo(g,h,i)perylene	17.374	276	828709	46.466	ng	#	84

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

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