Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134146.D
Acq On : 08 Jul 2023 13:45
Operator : CG\JU
Sample : PB153791BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 00:36:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	155366	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	608655	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	315367	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	608307	20.000	ng		0.00
76) Chrysene-d12	14.045	240	349242	20.000	ng		0.00
86) Perylene-d12	15.545	264	295188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1030082	110.905	ng		0.01
7) Phenol-d6	6.498	99	1249700	109.408	ng		0.00
23) Nitrobenzene-d5	7.422	82	888789	78.715	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	463070	117.112	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1617780	74.582	ng		0.00
79) Terphenyl-d14	12.980	244	1890877	87.138	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	115368	30.125	ng		100
3) Pyridine	3.516	79	305511	30.626	ng		96
4) n-Nitrosodimethylamine	3.475	42	237771	41.734	ng		96
6) Aniline	6.516	93	480335	34.558	ng	#	60
8) 2-Chlorophenol	6.634	128	411690	43.665	ng		98
9) Benzaldehyde	6.404	77	157899	22.289	ng		99
10) Phenol	6.510	94	471071	39.224	ng	#	73
11) bis(2-Chloroethyl)ether	6.587	93	371319	41.996	ng		99
12) 1,3-Dichlorobenzene	6.793	146	428980	42.677	ng		98
13) 1,4-Dichlorobenzene	6.869	146	435496	42.894	ng		99
14) 1,2-Dichlorobenzene	7.016	146	417110	43.867	ng		99
15) Benzyl Alcohol	6.998	79	386237	43.863	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	627212	40.097	ng		96
17) 2-Methylphenol	7.110	107	335652	39.755	ng		94
18) Hexachloroethane	7.357	117	169748	45.091	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	300100	41.429	ng		99
20) 3+4-Methylphenols	7.263	107	400593	39.110	ng		90
22) Acetophenone	7.263	105	584275	42.209	ng		96
24) Nitrobenzene	7.440	77	455876	39.954	ng		97
25) Isophorone	7.675	82	830491	40.471	ng		98
26) 2-Nitrophenol	7.751	139	231261	42.250	ng		98
27) 2,4-Dimethylphenol	7.787	122	358318	41.356	ng		94
28) bis(2-Chloroethoxy)met...	7.881	93	475622	40.028	ng		100
29) 2,4-Dichlorophenol	7.992	162	345644	40.230	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	371208	41.873	ng		99
31) Naphthalene	8.151	128	1152258	39.193	ng		99
32) Benzoic acid	7.939	122	281224	43.316	ng		96
33) 4-Chloroaniline	8.204	127	230910	18.361	ng		98
34) Hexachlorobutadiene	8.263	225	238481	42.645	ng		98
35) Caprolactam	8.598	113	110354m	39.010	ng		
36) 4-Chloro-3-methylphenol	8.692	107	399233	41.364	ng		98
37) 2-Methylnaphthalene	8.845	142	785896	37.801	ng		100
38) 1-Methylnaphthalene	8.945	142	720132	37.259	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	386826	41.402	ng		98
41) Hexachlorocyclopentadiene	8.992	237	399289	90.080	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	255078	40.104	ng		99

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44)	2,4,5-Trichlorophenol	9.175	196	275415	36.813	ng		95
46)	1,1'-Biphenyl	9.310	154	1003793	39.679	ng		98
47)	2-Chloronaphthalene	9.334	162	735675	39.746	ng		96
48)	2-Nitroaniline	9.439	65	262519	38.917	ng		92
49)	Acenaphthylene	9.751	152	1198079	37.892	ng		100
50)	Dimethylphthalate	9.616	163	915740	40.002	ng		100
51)	2,6-Dinitrotoluene	9.681	165	197532	40.062	ng	#	85
52)	Acenaphthene	9.928	154	709828	38.689	ng		99
53)	3-Nitroaniline	9.851	138	165731	28.018	ng		98
54)	2,4-Dinitrophenol	9.969	184	238091	83.439	ng		97
55)	Dibenzofuran	10.098	168	1057600	36.885	ng		97
56)	4-Nitrophenol	10.028	139	292955	70.803	ng		91
57)	2,4-Dinitrotoluene	10.092	165	251906	38.686	ng	#	82
58)	Fluorene	10.445	166	854113	38.288	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.222	232	238128	40.351	ng		99
60)	Diethylphthalate	10.322	149	953152	39.964	ng		99
61)	4-Chlorophenyl-phenyle...	10.433	204	416196	38.715	ng		97
62)	4-Nitroaniline	10.480	138	215197	36.099	ng		94
63)	Azobenzene	10.598	77	875082	38.788	ng		98
65)	4,6-Dinitro-2-methylph...	10.504	198	150637	45.421	ng		82
66)	n-Nitrosodiphenylamine	10.557	169	774343	39.841	ng		99
67)	4-Bromophenyl-phenylether	10.928	248	266766	41.259	ng		99
68)	Hexachlorobenzene	10.992	284	304692	44.384	ng		99
69)	Atrazine	11.092	200	259268	48.227	ng		98
70)	Pentachlorophenol	11.192	266	300033	73.096	ng		98
71)	Phenanthrene	11.410	178	1198351	39.132	ng		99
72)	Anthracene	11.463	178	1220557	38.320	ng		99
73)	Carbazole	11.622	167	1153710	39.573	ng		98
74)	Di-n-butylphthalate	11.945	149	1477497	42.616	ng		99
75)	Fluoranthene	12.604	202	1304285	39.397	ng		99
77)	Benzidine	12.727	184	404250	48.646	ng		99
78)	Pyrene	12.839	202	1296616	39.894	ng		99
80)	Butylbenzylphthalate	13.457	149	551204	45.219	ng		99
81)	Benzo(a)anthracene	14.033	228	966221	39.893	ng		99
82)	3,3'-Dichlorobenzidine	13.998	252	264680	34.492	ng		100
83)	Chrysene	14.074	228	911636	38.860	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.021	149	725206	51.776	ng		100
85)	Di-n-octyl phthalate	14.639	149	1071312	52.054	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.104	276	885444	43.228	ng		97
88)	Benzo(b)fluoranthene	15.104	252	844397	48.648	ng		99
89)	Benzo(k)fluoranthene	15.139	252	755106	42.728	ng		98
90)	Benzo(a)pyrene	15.486	252	687776	40.977	ng		98
91)	Dibenzo(a,h)anthracene	17.121	278	725201	43.346	ng		98
92)	Benzo(g,h,i)perylene	17.580	276	723929	41.960	ng		99

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

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