Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133158.D
Acq On : 01 May 2023 16:29
Operator : CG\JU
Sample : PB152505BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 02 05:19:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 15:02:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152505BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	186611	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	745546	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	395899	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	683659	20.000	ng		0.00
76) Chrysene-d12	13.892	240	447735	20.000	ng		0.00
86) Perylene-d12	15.304	264	398210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1425033	115.356	ng		0.01
7) Phenol-d6	6.381	99	1754643	114.435	ng		0.00
23) Nitrobenzene-d5	7.298	82	1063757	77.015	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	451563	113.415	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1861633	78.669	ng		0.00
79) Terphenyl-d14	12.839	244	1960070	75.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	282634	49.326	ng		97
3) Pyridine	3.181	79	693441	45.565	ng		96
4) n-Nitrosodimethylamine	3.140	42	346997	44.020	ng		97
6) Aniline	6.393	93	788020	39.903	ng	#	23
8) 2-Chlorophenol	6.522	128	629507	50.189	ng		94
9) Benzaldehyde	6.275	77	364879	61.931	ng		99
10) Phenol	6.393	94	767756	45.389	ng	#	72
11) bis(2-Chloroethyl)ether	6.469	93	597392	47.063	ng		99
12) 1,3-Dichlorobenzene	6.675	146	669098	50.175	ng		97
13) 1,4-Dichlorobenzene	6.751	146	682470	51.065	ng		98
14) 1,2-Dichlorobenzene	6.904	146	625801	50.790	ng		99
15) Benzyl Alcohol	6.881	79	502265	47.421	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	997802	45.259	ng		96
17) 2-Methylphenol	6.998	107	537239	46.777	ng		99
18) Hexachloroethane	7.245	117	239058	51.449	ng		100
19) n-Nitroso-di-n-propyla...	7.157	70	420893	44.093	ng		93
20) 3+4-Methylphenols	7.151	107	632833	46.788	ng	#	82
22) Acetophenone	7.145	105	854635	49.486	ng		98
24) Nitrobenzene	7.316	77	668488	47.761	ng		97
25) Isophorone	7.557	82	1240612	47.307	ng		99
26) 2-Nitrophenol	7.634	139	362604	53.712	ng		94
27) 2,4-Dimethylphenol	7.681	122	605836	52.336	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	747664	48.192	ng		99
29) 2,4-Dichlorophenol	7.881	162	542027	51.435	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	551076	50.477	ng		99
31) Naphthalene	8.039	128	1804268	48.404	ng		99
32) Benzoic acid	7.816	122	442047	61.822	ng		97
33) 4-Chloroaniline	8.086	127	408156	27.101	ng		99
34) Hexachlorobutadiene	8.157	225	303587	50.172	ng		100
35) Caprolactam	8.469	113	192871m	54.482	ng		
36) 4-Chloro-3-methylphenol	8.575	107	588548	51.791	ng		98
37) 2-Methylnaphthalene	8.728	142	1211066	47.523	ng		100
38) 1-Methylnaphthalene	8.828	142	1134239	47.578	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	485746	45.633	ng		98
41) Hexachlorocyclopentadiene	8.886	237	663214	106.833	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	361163	49.061	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	389513	45.751	ng		99
46) 1,1'-Biphenyl	9.198	154	1477679	47.070	ng		98
47) 2-Chloronaphthalene	9.216	162	1116547	48.593	ng		98
48) 2-Nitroaniline	9.316	65	355751	46.846	ng		99
49) Acenaphthylene	9.633	152	1739981	47.392	ng		99
50) Dimethylphthalate	9.498	163	1306930	47.343	ng		100
51) 2,6-Dinitrotoluene	9.557	165	306457	49.323	ng		93
52) Acenaphthene	9.804	154	1272122m	51.734	ng		
53) 3-Nitroaniline	9.728	138	266251	36.040	ng		95
54) 2,4-Dinitrophenol	9.833	184	347324	111.212	ng		99
55) Dibenzofuran	9.975	168	1559405	46.490	ng		98
56) 4-Nitrophenol	9.898	139	551075	96.310	ng		96
57) 2,4-Dinitrotoluene	9.963	165	396974	50.100	ng		90
58) Fluorene	10.322	166	1121352	45.630	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	323149	48.959	ng		99
60) Diethylphthalate	10.198	149	1226477	47.037	ng		100
61) 4-Chlorophenyl-phenyle...	10.310	204	551252	46.030	ng		95
62) 4-Nitroaniline	10.345	138	345707	50.914	ng		97
63) Azobenzene	10.475	77	1240330	44.903	ng		97
65) 4,6-Dinitro-2-methylph...	10.369	198	238223	57.489	ng		88
66) n-Nitrosodiphenylamine	10.433	169	1051373	47.410	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	350933	47.329	ng		95
68) Hexachlorobenzene	10.869	284	386335	50.849	ng		96
69) Atrazine	10.963	200	359521	56.264	ng		99
70) Pentachlorophenol	11.063	266	457608	84.569	ng		98
71) Phenanthrene	11.280	178	1685036	45.858	ng		100
72) Anthracene	11.327	178	1749297	46.519	ng		100
73) Carbazole	11.486	167	1567485	46.813	ng		100
74) Di-n-butylphthalate	11.822	149	1809163	47.745	ng		99
75) Fluoranthene	12.463	202	1698559	46.060	ng		98
77) Benzidine	12.586	184	1108015	146.341	ng	#	93
78) Pyrene	12.692	202	1731437	45.112	ng		99
80) Butylbenzylphthalate	13.316	149	775935	57.097	ng		97
81) Benzo(a)anthracene	13.880	228	1414928	45.955	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	344529	40.506	ng		99
83) Chrysene	13.916	228	1403114	45.583	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	866232	50.783	ng		100
85) Di-n-octyl phthalate	14.492	149	1599900	57.522	ng		97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1193280	52.681	ng		99
88) Benzo(b)fluoranthene	14.904	252	1270081	50.134	ng		99
89) Benzo(k)fluoranthene	14.933	252	1217536	48.482	ng		99
90) Benzo(a)pyrene	15.251	252	1068306	46.330	ng		100
91) Dibenzo(a,h)anthracene	16.704	278	992075	52.513	ng		99
92) Benzo(g,h,i)perylene	17.104	276	983680	52.741	ng		98

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

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