Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140824.D
Acq On : 11 Dec 2024 12:57
Operator : RC/JU
Sample : PB165525BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 14:21:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165525BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	73233	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	271997	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	154532	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	299083	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	197037	20.000	ng		0.00
86) Perylene-d12	15.557	264	160886	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	573883	133.705	ng		0.01
7) Phenol-d6	6.516	99	725407	127.840	ng		0.00
23) Nitrobenzene-d5	7.428	82	473924	89.124	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	232403	140.618	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	933815	90.035	ng		-0.02
79) Terphenyl-d14	12.980	244	1159974	91.670	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	77117	42.733	ng		98
3) Pyridine	3.534	79	186705	47.022	ng		99
4) n-Nitrosodimethylamine	3.451	42	98736	42.310	ng		93
6) Aniline	6.528	93	205729	51.511	ng	#	62
8) 2-Chlorophenol	6.657	128	226634	49.079	ng		95
9) Benzaldehyde	6.422	77	64634	21.517	ng		98
10) Phenol	6.528	94	278150	47.999	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	213407	48.125	ng		98
12) 1,3-Dichlorobenzene	6.798	146	240565	46.364	ng		98
13) 1,4-Dichlorobenzene	6.875	146	243145	46.281	ng		99
14) 1,2-Dichlorobenzene	7.028	146	232696	47.268	ng		100
15) Benzyl Alcohol	7.016	79	205159	48.754	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	253441	48.378	ng	#	58
17) 2-Methylphenol	7.128	107	175062	47.360	ng		93
18) Hexachloroethane	7.369	117	92752	47.269	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	159448	47.547	ng		98
20) 3+4-Methylphenols	7.287	107	232669	48.971	ng	#	72
22) Acetophenone	7.275	105	317490	47.879	ng		95
24) Nitrobenzene	7.445	77	247061	44.954	ng		99
25) Isophorone	7.687	82	433351	48.859	ng		99
26) 2-Nitrophenol	7.763	139	121609	49.931	ng		96
27) 2,4-Dimethylphenol	7.804	122	178759m	61.343	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	259649	48.054	ng		99
29) 2,4-Dichlorophenol	8.016	162	190668	49.378	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	202902	46.022	ng		99
31) Naphthalene	8.163	128	661812	47.238	ng		99
32) Benzoic acid	7.957	122	140411	54.266	ng		98
33) 4-Chloroaniline	8.222	127	119597	28.511	ng		98
34) Hexachlorobutadiene	8.275	225	136274	46.666	ng		99
35) Caprolactam	8.610	113	59065m	49.428	ng		
36) 4-Chloro-3-methylphenol	8.716	107	211648	48.955	ng		99
37) 2-Methylnaphthalene	8.857	142	435183	48.904	ng		100
38) 1-Methylnaphthalene	8.957	142	400774	45.947	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	216179	47.786	ng		99
41) Hexachlorocyclopentadiene	9.004	237	93199	90.590	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	134544	47.396	ng		100

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44) 2,4,5-Trichlorophenol	9.192	196	139850	45.394	ng	98
46) 1,1'-Biphenyl	9.322	154	550620	47.724	ng	100
47) 2-Chloronaphthalene	9.345	162	409637	46.857	ng	99
48) 2-Nitroaniline	9.451	65	134869	48.063	ng	97
49) Acenaphthylene	9.763	152	663184	50.207	ng	100
50) Dimethylphthalate	9.622	163	497052	48.839	ng	100
51) 2,6-Dinitrotoluene	9.692	165	108107	46.836	ng	97
52) Acenaphthene	9.933	154	405667	48.335	ng	99
53) 3-Nitroaniline	9.869	138	75164	33.295	ng	96
54) 2,4-Dinitrophenol	9.986	184	111480	91.960	ng	93
55) Dibenzofuran	10.110	168	620144	48.442	ng	100
56) 4-Nitrophenol	10.057	139	123257	80.057	ng	96
57) 2,4-Dinitrotoluene	10.104	165	151089	49.252	ng	94
58) Fluorene	10.451	166	503714	49.020	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	131128	55.381	ng	92
60) Diethylphthalate	10.322	149	513096	49.620	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	246167	48.815	ng	98
62) 4-Nitroaniline	10.486	138	113508m	47.940	ng	
63) Azobenzene	10.604	77	479448	48.962	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	83212	54.446	ng	99
66) n-Nitrosodiphenylamine	10.563	169	442246	50.001	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	152044	49.363	ng	93
68) Hexachlorobenzene	11.004	284	175486	49.205	ng	98
69) Atrazine	11.092	200	148182	59.554	ng	100
70) Pentachlorophenol	11.210	266	149735	95.392	ng	99
71) Phenanthrene	11.422	178	734200	51.069	ng	99
72) Anthracene	11.469	178	748630	53.234	ng	99
73) Carbazole	11.633	167	701553	51.856	ng	99
74) Di-n-butylphthalate	11.945	149	790089	50.585	ng	100
75) Fluoranthene	12.610	202	827187	52.993	ng	99
77) Benzidine	12.733	184	212623	37.115	ng	98
78) Pyrene	12.845	202	857317	47.057	ng	99
80) Butylbenzylphthalate	13.451	149	309037	47.087	ng	99
81) Benzo(a)anthracene	14.039	228	662867	50.821	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	134731	34.405	ng	99
83) Chrysene	14.080	228	615901	51.642	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	364957	44.039	ng	100
85) Di-n-octyl phthalate	14.639	149	487770	43.068	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	558585	53.276	ng	98
88) Benzo(b)fluoranthene	15.115	252	527785	52.228	ng	99
89) Benzo(k)fluoranthene	15.145	252	440363	49.797	ng	99
90) Benzo(a)pyrene	15.492	252	447394	54.450	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	460408	53.619	ng	99
92) Benzo(g,h,i)perylene	17.539	276	428637	48.919	ng	99

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

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