Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139765.D
Acq On : 11 Oct 2024 10:27
Operator : RC/JU
Sample : PB164005BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 11 12:15:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	108333	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	413150	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	230678	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	409405	20.000	ng		0.00
76) Chrysene-d12	14.033	240	207555	20.000	ng		0.00
86) Perylene-d12	15.504	264	195633	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	770313	123.244	ng		0.01
7) Phenol-d6	6.504	99	1008414	119.973	ng		0.00
23) Nitrobenzene-d5	7.434	82	660354	80.924	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	255594	114.780	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1192044	79.332	ng		0.00
79) Terphenyl-d14	12.975	244	1174354	92.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	98727	36.535	ng		99
3) Pyridine	3.469	79	264365	40.226	ng		96
4) n-Nitrosodimethylamine	3.428	42	169753	39.460	ng		92
6) Aniline	6.528	93	331102	44.392	ng	#	66
8) 2-Chlorophenol	6.651	128	294999	44.053	ng		99
9) Benzaldehyde	6.416	77	83629	18.783	ng		97
10) Phenol	6.522	94	379729	42.964	ng		85
11) bis(2-Chloroethyl)ether	6.604	93	290326	40.345	ng		100
12) 1,3-Dichlorobenzene	6.810	146	304569	40.430	ng		98
13) 1,4-Dichlorobenzene	6.887	146	306946	40.230	ng		99
14) 1,2-Dichlorobenzene	7.034	146	297309	41.577	ng		99
15) Benzyl Alcohol	7.010	79	275062	42.830	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	517238	41.519	ng		89
17) 2-Methylphenol	7.128	107	235211	42.074	ng		97
18) Hexachloroethane	7.375	117	113827	39.997	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	222106	41.101	ng		98
20) 3+4-Methylphenols	7.281	107	296512	42.227	ng		93
22) Acetophenone	7.275	105	403187	41.113	ng		96
24) Nitrobenzene	7.451	77	331033	39.176	ng		99
25) Isophorone	7.687	82	600173	41.410	ng		99
26) 2-Nitrophenol	7.769	139	158491	43.631	ng		96
27) 2,4-Dimethylphenol	7.804	122	231770m	52.119	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	356405	41.181	ng		100
29) 2,4-Dichlorophenol	8.010	162	247170	42.613	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	259651	39.583	ng		99
31) Naphthalene	8.169	128	868178	41.099	ng		99
32) Benzoic acid	7.940	122	174458	39.454	ng		98
33) 4-Chloroaniline	8.222	127	141357	19.769	ng		98
34) Hexachlorobutadiene	8.287	225	165048	38.880	ng		100
35) Caprolactam	8.598	113	79146m	41.602	ng		
36) 4-Chloro-3-methylphenol	8.710	107	268179	40.843	ng		98
37) 2-Methylnaphthalene	8.863	142	564632	41.041	ng		100
38) 1-Methylnaphthalene	8.963	142	522961	38.888	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	267069	41.693	ng		99
41) Hexachlorocyclopentadiene	9.010	237	269724	137.325	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	177545	41.115	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	186804	40.114	ng	99
46) 1,1'-Biphenyl	9.328	154	697154	40.634	ng	100
47) 2-Chloronaphthalene	9.351	162	525438	40.851	ng	99
48) 2-Nitroaniline	9.451	65	184913	40.049	ng	94
49) Acenaphthylene	9.769	152	857034	43.814	ng	100
50) Dimethylphthalate	9.628	163	626782	41.508	ng	100
51) 2,6-Dinitrotoluene	9.692	165	135515	39.727	ng	94
52) Acenaphthene	9.939	154	599530m	44.647	ng	
53) 3-Nitroaniline	9.863	138	93386	26.790	ng	97
54) 2,4-Dinitrophenol	9.975	184	140906	76.800	ng	94
55) Dibenzofuran	10.110	168	775153	41.228	ng	100
56) 4-Nitrophenol	10.034	139	197402	74.259	ng	93
57) 2,4-Dinitrotoluene	10.098	165	176126	39.501	ng	98
58) Fluorene	10.457	166	606180	40.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	158073	42.027	ng	96
60) Diethylphthalate	10.328	149	619029	39.689	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	296230	39.540	ng	97
62) 4-Nitroaniline	10.481	138	138457	38.831	ng	96
63) Azobenzene	10.604	77	632320	40.313	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	99628	43.087	ng	91
66) n-Nitrosodiphenylamine	10.569	169	524896	43.496	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	178698	42.571	ng	99
68) Hexachlorobenzene	10.998	284	197607	42.424	ng	98
69) Atrazine	11.092	200	166449	51.408	ng	98
70) Pentachlorophenol	11.198	266	203757	73.464	ng	99
71) Phenanthrene	11.416	178	833837	43.196	ng	100
72) Anthracene	11.469	178	854004	44.719	ng	99
73) Carbazole	11.628	167	757325	41.289	ng	99
74) Di-n-butylphthalate	11.951	149	912083	40.892	ng	99
75) Fluoranthene	12.604	202	841345	39.871	ng	99
77) Benzidine	12.727	184	259660	70.926	ng	100
78) Pyrene	12.833	202	855781	46.100	ng	99
80) Butylbenzylphthalate	13.451	149	302321	45.530	ng	96
81) Benzo(a)anthracene	14.022	228	599847	43.958	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	133398	31.942	ng	98
83) Chrysene	14.057	228	552820	44.311	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	390389	47.084	ng	100
85) Di-n-octyl phthalate	14.616	149	588284	48.295	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	585416	50.841	ng	99
88) Benzo(b)fluoranthene	15.074	252	482806	38.169	ng	99
89) Benzo(k)fluoranthene	15.104	252	477582	44.509	ng	99
90) Benzo(a)pyrene	15.439	252	458942	46.014	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	476821	49.927	ng	99
92) Benzo(g,h,i)perylene	17.433	276	454761	47.480	ng	99

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

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