Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139679.D
Acq On : 07 Oct 2024 11:44
Operator : RC/JU
Sample : PB163905BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 07 12:11:26 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 :
PB163905BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/09/2024
Supervised By :mohammad ahmed
10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92737	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	365857	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215100	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	422187	20.000	ng	0.00
76) Chrysene-d12	14.039	240	265787	20.000	ng	0.00
86) Perylene-d12	15.504	264	188660	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	746190	139.462	ng	0.02
7) Phenol-d6	6.510	99	994766	138.253	ng	0.00
23) Nitrobenzene-d5	7.434	82	647804	89.648	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	284182	136.860	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1211208	86.445	ng	0.00
79) Terphenyl-d14	12.980	244	1460120	90.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	95603	41.329	ng	99
3) Pyridine	3.487	79	256736	45.634	ng	99
4) n-Nitrosodimethylamine	3.452	42	173790	47.193	ng	96
6) Aniline	6.534	93	361298	56.587	ng	89
8) 2-Chlorophenol	6.657	128	287899	50.223	ng	99
9) Benzaldehyde	6.416	77	94550	24.807	ng	98
10) Phenol	6.522	94	379433	50.151	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	286253	46.468	ng	99
12) 1,3-Dichlorobenzene	6.810	146	292456	45.351	ng	99
13) 1,4-Dichlorobenzene	6.887	146	299796	45.901	ng	100
14) 1,2-Dichlorobenzene	7.040	146	287480	46.964	ng	99
15) Benzyl Alcohol	7.016	79	275948	50.194	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	507163	47.557	ng	79
17) 2-Methylphenol	7.128	107	233361	48.763	ng	96
18) Hexachloroethane	7.381	117	110952	45.544	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	216138	46.723	ng	99
20) 3+4-Methylphenols	7.281	107	296212	49.279	ng	95
22) Acetophenone	7.281	105	393671	45.331	ng	99
24) Nitrobenzene	7.457	77	334876	44.754	ng	99
25) Isophorone	7.693	82	600085	46.756	ng	100
26) 2-Nitrophenol	7.769	139	155866	48.455	ng	99
27) 2,4-Dimethylphenol	7.804	122	225915	57.369	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	350338	45.713	ng	99
29) 2,4-Dichlorophenol	8.016	162	248396	48.360	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	249586	42.967	ng	99
31) Naphthalene	8.175	128	852485	45.573	ng	100
32) Benzoic acid	7.945	122	188342	48.099	ng	98
33) 4-Chloroaniline	8.222	127	241046	38.069	ng	99
34) Hexachlorobutadiene	8.287	225	162466	43.220	ng	99
35) Caprolactam	8.598	113	86872m	51.565	ng	
36) 4-Chloro-3-methylphenol	8.710	107	279578	48.083	ng	100
37) 2-Methylnaphthalene	8.863	142	558559	45.848	ng	100
38) 1-Methylnaphthalene	8.963	142	523964	43.999	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	261247	43.738	ng	99
41) Hexachlorocyclopentadiene	9.016	237	304691	166.363	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	187079	46.461	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	199350	45.908	ng	99
46) 1,1'-Biphenyl	9.328	154	706233	44.144	ng	100
47) 2-Chloronaphthalene	9.357	162	532416	44.392	ng	98
48) 2-Nitroaniline	9.451	65	210944	48.996	ng	98
49) Acenaphthylene	9.769	152	884596	48.499	ng	100
50) Dimethylphthalate	9.634	163	664889	47.220	ng	100
51) 2,6-Dinitrotoluene	9.698	165	144579	45.454	ng	93
52) Acenaphthene	9.939	154	638416m	50.986	ng	
53) 3-Nitroaniline	9.869	138	136330	41.942	ng	98
54) 2,4-Dinitrophenol	9.975	184	179304	104.806	ng	98
55) Dibenzofuran	10.116	168	811186	46.269	ng	99
56) 4-Nitrophenol	10.034	139	238965	96.405	ng	100
57) 2,4-Dinitrotoluene	10.104	165	199143	47.898	ng	95
58) Fluorene	10.457	166	640872	45.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	176129	50.219	ng	98
60) Diethylphthalate	10.328	149	682596	46.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	313516	44.879	ng	99
62) 4-Nitroaniline	10.486	138	162281	48.809	ng	99
63) Azobenzene	10.610	77	685833	46.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	116429	48.829	ng	97
66) n-Nitrosodiphenylamine	10.569	169	573637	46.095	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	190703	44.055	ng	99
68) Hexachlorobenzene	11.004	284	214627	44.683	ng	98
69) Atrazine	11.098	200	188080	56.330	ng	98
70) Pentachlorophenol	11.204	266	249652	87.287	ng	98
71) Phenanthrene	11.422	178	937387	47.090	ng	100
72) Anthracene	11.475	178	960556	48.775	ng	100
73) Carbazole	11.628	167	900327	47.599	ng	100
74) Di-n-butylphthalate	11.951	149	1095857	47.644	ng	100
75) Fluoranthene	12.610	202	1035894	47.604	ng	100
77) Benzidine	12.733	184	478735	102.116	ng	99
78) Pyrene	12.839	202	1064949	44.799	ng	99
80) Butylbenzylphthalate	13.451	149	431494	50.746	ng	99
81) Benzo(a)anthracene	14.027	228	842054	48.188	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	222431	41.592	ng	99
83) Chrysene	14.063	228	745319	46.652	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	562213	52.951	ng	99
85) Di-n-octyl phthalate	14.621	149	805427	51.635	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	554749	49.959	ng	100
88) Benzo(b)fluoranthene	15.074	252	627896	51.473	ng	99
89) Benzo(k)fluoranthene	15.104	252	505466	48.849	ng	100
90) Benzo(a)pyrene	15.445	252	501344	52.123	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	458814	49.818	ng	99
92) Benzo(g,h,i)perylene	17.427	276	421351	45.617	ng	100

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

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