Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139960.D
Acq On : 23 Oct 2024 13:07
Operator : RC/JU
Sample : PB164154BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 23 13:37:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164154BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	155060	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	598190	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337425	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	611801	20.000	ng	0.00
76) Chrysene-d12	14.057	240	325970	20.000	ng	0.00
86) Perylene-d12	15.533	264	358287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1272846	128.507	ng	0.02
7) Phenol-d6	6.516	99	1628123	126.915	ng	0.00
23) Nitrobenzene-d5	7.451	82	1062598	98.452	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502653	159.261	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1905194	93.316	ng	0.00
79) Terphenyl-d14	12.998	244	1968137	98.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	181218	39.241	ng	94
3) Pyridine	3.522	79	479042	41.849	ng	97
4) n-Nitrosodimethylamine	3.475	42	266874	43.393	ng	95
6) Aniline	6.551	93	484680	40.539	ng	98
8) 2-Chlorophenol	6.675	128	503876	49.762	ng	98
9) Benzaldehyde	6.440	77	124231	17.214	ng	98
10) Phenol	6.528	94	619901m	46.872	ng	
11) bis(2-Chloroethyl)ether	6.628	93	479759	46.932	ng	99
12) 1,3-Dichlorobenzene	6.834	146	529493	45.553	ng	99
13) 1,4-Dichlorobenzene	6.910	146	543764	46.825	ng	99
14) 1,2-Dichlorobenzene	7.063	146	520985	48.070	ng	98
15) Benzyl Alcohol	7.028	79	462205	49.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	801294	45.971	ng	97
17) 2-Methylphenol	7.140	107	422006	48.876	ng	99
18) Hexachloroethane	7.404	117	195917	47.310	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	363348	46.700	ng	96
20) 3+4-Methylphenols	7.287	107	513204	46.470	ng	93
22) Acetophenone	7.298	105	678917	46.337	ng	99
24) Nitrobenzene	7.469	77	546867	46.214	ng	99
25) Isophorone	7.710	82	996658	48.653	ng	99
26) 2-Nitrophenol	7.787	139	261637	58.608	ng	95
27) 2,4-Dimethylphenol	7.822	122	425922	57.218	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	599138	48.273	ng	100
29) 2,4-Dichlorophenol	8.028	162	422786	49.864	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	437000	46.579	ng	99
31) Naphthalene	8.192	128	1447102	46.906	ng	100
32) Benzoic acid	7.934	122	331855	51.114	ng	96
33) 4-Chloroaniline	8.240	127	226613	21.542	ng	98
34) Hexachlorobutadiene	8.310	225	282324	47.894	ng	99
35) Caprolactam	8.610	113	133451m	49.501	ng	
36) 4-Chloro-3-methylphenol	8.716	107	464991	49.528	ng	99
37) 2-Methylnaphthalene	8.887	142	918290	48.601	ng	100
38) 1-Methylnaphthalene	8.987	142	862092	46.505	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	431129	47.360	ng	99
41) Hexachlorocyclopentadiene	9.039	237	567205	179.072	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	336220	52.168	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	330382	49.686	ng		100
46) 1,1'-Biphenyl	9.351	154	1115152	47.474	ng		100
47) 2-Chloronaphthalene	9.375	162	879879	46.508	ng		100
48) 2-Nitroaniline	9.469	65	312352	53.982	ng		93
49) Acenaphthylene	9.792	152	1392576	50.915	ng		100
50) Dimethylphthalate	9.651	163	1061203	50.491	ng		100
51) 2,6-Dinitrotoluene	9.710	165	238284	52.362	ng		96
52) Acenaphthene	9.963	154	974519	55.078	ng		98
53) 3-Nitroaniline	9.875	138	146617	31.242	ng		95
54) 2,4-Dinitrophenol	9.986	184	261212	133.409	ng	#	1
55) Dibenzofuran	10.134	168	1224268	48.227	ng		99
56) 4-Nitrophenol	10.034	139	393084	108.873	ng		99
57) 2,4-Dinitrotoluene	10.116	165	323562	57.819	ng		96
58) Fluorene	10.481	166	929505	48.073	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	280379	53.788	ng		96
60) Diethylphthalate	10.351	149	1030661	49.945	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	472382	48.378	ng		98
62) 4-Nitroaniline	10.498	138	233090	52.589	ng		96
63) Azobenzene	10.628	77	1048244	47.914	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	175060	70.150	ng		92
66) n-Nitrosodiphenylamine	10.586	169	878190	47.960	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	314317	49.870	ng		94
68) Hexachlorobenzene	11.028	284	351330	49.564	ng		96
69) Atrazine	11.116	200	288364	58.136	ng		99
70) Pentachlorophenol	11.216	266	429890	99.928	ng		99
71) Phenanthrene	11.439	178	1394242	48.246	ng		100
72) Anthracene	11.492	178	1419494	50.343	ng		100
73) Carbazole	11.645	167	1215745	46.362	ng		99
74) Di-n-butylphthalate	11.975	149	1483161	48.955	ng		100
75) Fluoranthene	12.627	202	1377658	47.157	ng		100
77) Benzidine	12.745	184	297260	55.458	ng		99
78) Pyrene	12.857	202	1384172	48.511	ng		100
80) Butylbenzylphthalate	13.475	149	461755	53.979	ng		100
81) Benzo(a)anthracene	14.045	228	1066844	50.276	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	218434	35.306	ng		100
83) Chrysene	14.080	228	989412	50.854	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	554575	57.783	ng	#	98
85) Di-n-octyl phthalate	14.645	149	995907	57.050	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1227173	53.241	ng		98
88) Benzo(b)fluoranthene	15.098	252	1086886	49.799	ng		100
89) Benzo(k)fluoranthene	15.127	252	916238	48.678	ng		100
90) Benzo(a)pyrene	15.468	252	960094	53.462	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	1006006	52.319	ng		98
92) Benzo(g,h,i)perylene	17.486	276	931789	48.514	ng		99

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

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