Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139654.D
Acq On : 04 Oct 2024 13:39
Operator : RC/JU
Sample : PB163834BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 14:06:30 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 :
PB163834BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	117167	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	442808	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	246870	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	458622	20.000	ng		0.00
76) Chrysene-d12	14.027	240	232215	20.000	ng		0.00
86) Perylene-d12	15.498	264	249587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	790213	116.896	ng		0.01
7) Phenol-d6	6.504	99	1037763	114.156	ng		0.00
23) Nitrobenzene-d5	7.434	82	689962	78.890	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	266141	111.677	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1242573	77.271	ng		0.00
79) Terphenyl-d14	12.974	244	1217740	86.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	109909	37.606	ng		98
3) Pyridine	3.481	79	290590	40.882	ng		98
4) n-Nitrosodimethylamine	3.446	42	194127	41.724	ng		96
6) Aniline	6.528	93	323770	40.136	ng	#	78
8) 2-Chlorophenol	6.651	128	312758	43.183	ng		99
9) Benzaldehyde	6.416	77	46693	9.696	ng		98
10) Phenol	6.516	94	407826	42.664	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	307689	39.534	ng		100
12) 1,3-Dichlorobenzene	6.804	146	325155	39.908	ng		99
13) 1,4-Dichlorobenzene	6.881	146	328800	39.845	ng		99
14) 1,2-Dichlorobenzene	7.034	146	308910	39.943	ng		100
15) Benzyl Alcohol	7.010	79	297703	42.860	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	552012	40.970	ng		94
17) 2-Methylphenol	7.122	107	255681	42.287	ng		100
18) Hexachloroethane	7.375	117	124255	40.370	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	237462	40.630	ng		99
20) 3+4-Methylphenols	7.275	107	315955	41.604	ng		96
22) Acetophenone	7.275	105	428925	40.808	ng		99
24) Nitrobenzene	7.451	77	358260	39.559	ng		99
25) Isophorone	7.687	82	650090	41.850	ng		99
26) 2-Nitrophenol	7.763	139	166103	42.664	ng		96
27) 2,4-Dimethylphenol	7.804	122	242770m	50.936	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	380685	41.041	ng		99
29) 2,4-Dichlorophenol	8.010	162	261902	42.128	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	276391	39.313	ng		99
31) Naphthalene	8.169	128	916181	40.467	ng		100
32) Benzoic acid	7.939	122	188910	39.860	ng		99
33) 4-Chloroaniline	8.216	127	148074	19.322	ng		99
34) Hexachlorobutadiene	8.281	225	175553	38.585	ng		100
35) Caprolactam	8.592	113	86838m	42.588	ng		
36) 4-Chloro-3-methylphenol	8.704	107	294023	41.780	ng		99
37) 2-Methylnaphthalene	8.863	142	595477	40.384	ng		100
38) 1-Methylnaphthalene	8.963	142	558230	38.730	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	277741	40.515	ng		99
41) Hexachlorocyclopentadiene	9.010	237	309799	147.383	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	194353	42.056	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	203396	40.812	ng	98
46) 1,1'-Biphenyl	9.328	154	737459	40.164	ng	99
47) 2-Chloronaphthalene	9.351	162	558230	40.554	ng	99
48) 2-Nitroaniline	9.451	65	212658	43.037	ng	99
49) Acenaphthylene	9.769	152	912190	43.576	ng	100
50) Dimethylphthalate	9.628	163	681350	42.162	ng	100
51) 2,6-Dinitrotoluene	9.692	165	148999	40.815	ng	95
52) Acenaphthene	9.939	154	658810m	45.843	ng	
53) 3-Nitroaniline	9.857	138	104736	28.075	ng	98
54) 2,4-Dinitrophenol	9.969	184	178479	90.899	ng	98
55) Dibenzofuran	10.110	168	832615	41.380	ng	99
56) 4-Nitrophenol	10.028	139	235132	82.651	ng	99
57) 2,4-Dinitrotoluene	10.098	165	201196	42.164	ng	98
58) Fluorene	10.451	166	645706	40.291	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	169869	42.201	ng	99
60) Diethylphthalate	10.328	149	682950	40.915	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	318060	39.670	ng	97
62) 4-Nitroaniline	10.481	138	157482	41.270	ng	98
63) Azobenzene	10.604	77	693625	41.321	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	112183	43.310	ng	99
66) n-Nitrosodiphenylamine	10.563	169	579982	42.903	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	190229	40.455	ng	98
68) Hexachlorobenzene	10.998	284	213724	40.960	ng	99
69) Atrazine	11.092	200	188307	51.917	ng	99
70) Pentachlorophenol	11.198	266	231883	74.633	ng	97
71) Phenanthrene	11.416	178	905231	41.862	ng	100
72) Anthracene	11.469	178	926311	43.300	ng	100
73) Carbazole	11.622	167	836533	40.713	ng	100
74) Di-n-butylphthalate	11.951	149	1039261	41.594	ng	100
75) Fluoranthene	12.604	202	900355	38.088	ng	100
77) Benzidine	12.722	184	265879	64.912	ng	99
78) Pyrene	12.833	202	900601	43.363	ng	99
80) Butylbenzylphthalate	13.445	149	357629	48.140	ng	100
81) Benzo(a)anthracene	14.016	228	668674	43.798	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	165266	35.370	ng	99
83) Chrysene	14.057	228	592369	42.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	474444	51.145	ng	100
85) Di-n-octyl phthalate	14.616	149	712421	52.275	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	694759	47.294	ng	99
88) Benzo(b)fluoranthene	15.068	252	656841	40.702	ng	99
89) Benzo(k)fluoranthene	15.098	252	534509	39.046	ng	100
90) Benzo(a)pyrene	15.439	252	575867	45.256	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	571739	46.925	ng	99
92) Benzo(g,h,i)perylene	17.421	276	518187	42.406	ng	100

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

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