Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126535.D
Acq On : 7 Jan 2022 12:09
Operator : JU/CG
Sample : PB141764BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 07 15:22:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141764BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/10/2022
Supervised By :Jagrut Upadhyay
01/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	101513	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	432897	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	200660	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	317547	20.000	ng		0.00
76) Chrysene-d12	13.951	240	172546	20.000	ng		0.00
86) Perylene-d12	15.392	264	166523	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	823149	116.447	ng		0.01
7) Phenol-d6	6.422	99	1045559	114.198	ng		0.00
23) Nitrobenzene-d5	7.345	82	678527	80.480	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	213920	137.960	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	954730	83.727	ng		0.00
79) Terphenyl-d14	12.898	244	809303	91.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	120497	33.993	ng		100
3) Pyridine	3.287	79	271082	28.350	ng		95
4) n-Nitrosodimethylamine	3.234	42	154416	39.279	ng		95
6) Aniline	6.445	93	295467	25.953	ng		97
8) 2-Chlorophenol	6.569	128	339979	48.227	ng		92
9) Benzaldehyde	6.328	77	215985	38.107	ng		95
10) Phenol	6.434	94	416996	40.812	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	344844	44.201	ng		98
12) 1,3-Dichlorobenzene	6.722	146	313156	44.454	ng		98
13) 1,4-Dichlorobenzene	6.798	146	319285	45.407	ng		98
14) 1,2-Dichlorobenzene	6.951	146	307408	44.868	ng		98
15) Benzyl Alcohol	6.928	79	291589	45.519	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	537861	43.897	ng		99
17) 2-Methylphenol	7.039	107	272516	43.947	ng		99
18) Hexachloroethane	7.292	117	126437	45.131	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	223785	42.833	ng		98
20) 3+4-Methylphenols	7.192	107	307565	41.661	ng	#	88
22) Acetophenone	7.192	105	450935	45.058	ng	#	94
24) Nitrobenzene	7.369	77	357853	42.416	ng		92
25) Isophorone	7.604	82	637558	42.243	ng		99
26) 2-Nitrophenol	7.681	139	177496	47.458	ng		100
27) 2,4-Dimethylphenol	7.722	122	294014	50.276	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	415082	42.100	ng		99
29) 2,4-Dichlorophenol	7.928	162	247123	46.279	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	254719	45.770	ng		98
31) Naphthalene	8.086	128	934238	45.723	ng		99
32) Benzoic acid	7.869	122	192932	45.848	ng		95
33) 4-Chloroaniline	8.133	127	95942	11.208	ng		94
34) Hexachlorobutadiene	8.204	225	125492	46.393	ng		97
35) Caprolactam	8.516	113	91701m	67.505	ng		
36) 4-Chloro-3-methylphenol	8.628	107	291635	44.751	ng		98
37) 2-Methylnaphthalene	8.781	142	588742	48.844	ng		99
38) 1-Methylnaphthalene	8.881	142	543271	46.618	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	204410	46.880	ng		99
41) Hexachlorocyclopentadiene	8.939	237	208862	117.651	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	151068	46.848	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	155362	44.760	ng		96
46) 1,1'-Biphenyl	9.245	154	685093	46.550	ng		99
47) 2-Chloronaphthalene	9.269	162	497870	44.663	ng		98
48) 2-Nitroaniline	9.369	65	182889	40.629	ng	#	84
49) Acenaphthylene	9.686	152	771818	45.652	ng		99
50) Dimethylphthalate	9.551	163	569772	45.484	ng		99
51) 2,6-Dinitrotoluene	9.610	165	130233	48.140	ng		98
52) Acenaphthene	9.857	154	475211	42.874	ng		98
53) 3-Nitroaniline	9.775	138	67656	18.240	ng		87
54) 2,4-Dinitrophenol	9.886	184	117644	84.390	ng		93
55) Dibenzofuran	10.033	168	664417	44.342	ng		100
56) 4-Nitrophenol	9.951	139	215307	81.618	ng		96
57) 2,4-Dinitrotoluene	10.016	165	167706	48.049	ng		95
58) Fluorene	10.375	166	484583	45.740	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	116291	46.679	ng		95
60) Diethylphthalate	10.251	149	544395	45.093	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	207533	44.889	ng		97
62) 4-Nitroaniline	10.398	138	142775	40.870	ng		94
63) Azobenzene	10.527	77	634298	40.790	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	80637	46.892	ng		94
66) n-Nitrosodiphenylamine	10.486	169	443028	44.969	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	132007	46.835	ng		95
68) Hexachlorobenzene	10.922	284	160202	48.864	ng		97
69) Atrazine	11.016	200	133163	78.496	ng		97
70) Pentachlorophenol	11.116	266	149073	93.553	ng		99
71) Phenanthrene	11.333	178	735125	45.281	ng		100
72) Anthracene	11.386	178	754952	46.475	ng		99
73) Carbazole	11.539	167	688918	43.309	ng		99
74) Di-n-butylphthalate	11.874	149	802429	44.309	ng		100
75) Fluoranthene	12.521	202	674250	45.505	ng		100
77) Benzidine	12.645	184	216056	78.114	ng		99
78) Pyrene	12.751	202	684820	46.964	ng		99
80) Butylbenzylphthalate	13.374	149	284052	43.961	ng		94
81) Benzo(a)anthracene	13.945	228	440474	44.389	ng		100
82) 3,3'-Dichlorobenzidine	13.904	252	104830	22.644	ng		97
83) Chrysene	13.980	228	459417	45.136	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	300276	44.842	ng		100
85) Di-n-octyl phthalate	14.551	149	571517	49.212	ng		97
87) Indeno(1,2,3-cd)pyrene	16.821	276	526697	47.261	ng		96
88) Benzo(b)fluoranthene	14.980	252	462119m	46.584	ng		
89) Benzo(k)fluoranthene	15.010	252	450770	46.908	ng		97
90) Benzo(a)pyrene	15.339	252	455225	54.729	ng		96
91) Dibenzo(a,h)anthracene	16.845	278	438429	48.754	ng		96
92) Benzo(g,h,i)perylene	17.256	276	456975	47.722	ng		95

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

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