Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129661.D
Acq On : 09 Aug 2022 11:53
Operator : CG\JU
Sample : PB146618BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 09 12:28:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	231233	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	949899	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	506238	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	837165	20.000	ng		# 0.00
76) Chrysene-d12	14.027	240	519255	20.000	ng		0.00
86) Perylene-d12	15.498	264	422114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1572059	110.749	ng		0.00
7) Phenol-d6	6.504	99	1969353	110.377	ng		0.00
23) Nitrobenzene-d5	7.416	82	1280081	73.563	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	582334	119.647	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2360324	72.126	ng		0.00
79) Terphenyl-d14	12.963	244	2443075	88.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	174592	27.261	ng		87
3) Pyridine	3.463	79	426527	23.982	ng		87
4) n-Nitrosodimethylamine	3.399	42	283315	36.276	ng	#	91
6) Aniline	6.510	93	708764	31.954	ng	#	34
8) 2-Chlorophenol	6.639	128	665421	42.908	ng		94
9) Benzaldehyde	6.398	77	314652	25.969	ng		98
10) Phenol	6.516	94	769661m	40.508	ng		
11) bis(2-Chloroethyl)ether	6.581	93	622760	41.329	ng		92
12) 1,3-Dichlorobenzene	6.781	146	648900	39.014	ng		99
13) 1,4-Dichlorobenzene	6.857	146	660804	39.065	ng		98
14) 1,2-Dichlorobenzene	7.010	146	630536	40.554	ng		98
15) Benzyl Alcohol	6.998	79	567704	43.872	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	815140	35.988	ng	#	1
17) 2-Methylphenol	7.116	107	522218	40.591	ng	#	87
18) Hexachloroethane	7.351	117	257535	40.434	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	449673	41.631	ng		91
20) 3+4-Methylphenols	7.269	107	644285	39.387	ng	#	89
22) Acetophenone	7.257	105	900197	40.704	ng		98
24) Nitrobenzene	7.434	77	675813	37.715	ng		95
25) Isophorone	7.675	82	1293217	41.461	ng		97
26) 2-Nitrophenol	7.745	139	359393	40.656	ng		97
27) 2,4-Dimethylphenol	7.792	122	595858m	44.937	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	785963	43.437	ng		99
29) 2,4-Dichlorophenol	7.992	162	547128	39.977	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	548969	38.752	ng		98
31) Naphthalene	8.151	128	1830780	37.935	ng		99
32) Benzoic acid	7.945	122	281381	29.353	ng		98
33) 4-Chloroaniline	8.204	127	656254	33.121	ng		97
34) Hexachlorobutadiene	8.257	225	332122	41.244	ng		98
35) Caprolactam	8.598	113	166635m	37.450	ng		
36) 4-Chloro-3-methylphenol	8.698	107	611853	42.151	ng		97
37) 2-Methylnaphthalene	8.839	142	1237055	39.444	ng		98
38) 1-Methylnaphthalene	8.939	142	1165496	38.496	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	542204	40.789	ng		98
41) Hexachlorocyclopentadiene	8.986	237	461061	77.893	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	367685	38.084	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	389432	37.092	ng	#	92
46) 1,1'-Biphenyl	9.304	154	1496205	40.498	ng		99
47) 2-Chloronaphthalene	9.333	162	1153325	38.616	ng		99
48) 2-Nitroaniline	9.439	65	377590	38.020	ng		87
49) Acenaphthylene	9.751	152	1719411	37.887	ng		99
50) Dimethylphthalate	9.610	163	1440108	41.208	ng		99
51) 2,6-Dinitrotoluene	9.680	165	312569	39.961	ng		99
52) Acenaphthene	9.922	154	1255658m	42.362	ng		
53) 3-Nitroaniline	9.851	138	277149	30.006	ng	#	94
54) 2,4-Dinitrophenol	9.969	184	300056	75.144	ng		89
55) Dibenzofuran	10.092	168	1559901	38.176	ng		95
56) 4-Nitrophenol	10.039	139	375039	55.038	ng		95
57) 2,4-Dinitrotoluene	10.086	165	394482	38.606	ng		92
58) Fluorene	10.439	166	1288638	39.416	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	287555	35.441	ng		92
60) Diethylphthalate	10.310	149	1382114	40.911	ng		100
61) 4-Chlorophenyl-phenyle...	10.427	204	605732	42.026	ng		96
62) 4-Nitroaniline	10.480	138	319946m	34.919	ng		
63) Azobenzene	10.586	77	1318248	38.257	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	204143	38.634	ng		88
66) n-Nitrosodiphenylamine	10.551	169	1138632	40.841	ng		97
67) 4-Bromophenyl-phenylether	10.916	248	395560	43.149	ng		95
68) Hexachlorobenzene	10.986	284	433139	43.606	ng		98
69) Atrazine	11.080	200	380166	44.893	ng		96
70) Pentachlorophenol	11.192	266	373346	69.140	ng		98
71) Phenanthrene	11.404	178	1787776	39.121	ng		99
72) Anthracene	11.457	178	1792084	39.905	ng		100
73) Carbazole	11.616	167	1642785	38.860	ng		99
74) Di-n-butylphthalate	11.927	149	2161778	42.940	ng		99
75) Fluoranthene	12.592	202	1783050	38.508	ng		98
77) Benzidine	12.716	184	642359	35.017	ng		99
78) Pyrene	12.827	202	1772936	40.831	ng		99
80) Butylbenzylphthalate	13.433	149	835856	44.380	ng		92
81) Benzo(a)anthracene	14.015	228	1399459	39.455	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	429414	36.667	ng	#	97
83) Chrysene	14.051	228	1265366	37.852	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	1126997	45.452	ng	#	97
85) Di-n-octyl phthalate	14.598	149	1711147	47.956	ng		96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1219199	42.891	ng		99
88) Benzo(b)fluoranthene	15.068	252	1229356	43.905	ng		99
89) Benzo(k)fluoranthene	15.098	252	1179432	42.983	ng		99
90) Benzo(a)pyrene	15.439	252	1042628	45.871	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	1075140	46.471	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1068815	45.210	ng		98

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

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