Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129660.D
Acq On : 09 Aug 2022 11:12
Operator : CG\JU
Sample : PB146613BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 12:27:31 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 :
PB146613BS

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	6.840	152	235189	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	966459	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	515548	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	848785	20.000	ng		# 0.00
76) Chrysene-d12	14.027	240	521823	20.000	ng		0.00
86) Perylene-d12	15.498	264	418331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1594492	110.440	ng		0.01
7) Phenol-d6	6.504	99	1995070	109.938	ng		0.00
23) Nitrobenzene-d5	7.416	82	1309872	73.986	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	587875	118.604	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2391813	71.769	ng		0.00
79) Terphenyl-d14	12.963	244	2461623	88.997	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	159925	24.551	ng		88
3) Pyridine	3.463	79	438797	24.256	ng		88
4) n-Nitrosodimethylamine	3.399	42	286071	36.013	ng	#	90
6) Aniline	6.510	93	729613	32.341	ng	#	35
8) 2-Chlorophenol	6.640	128	672698	42.648	ng		94
9) Benzaldehyde	6.398	77	313688	25.454	ng		98
10) Phenol	6.516	94	768211m	39.752	ng		
11) bis(2-Chloroethyl)ether	6.581	93	637532	41.598	ng		92
12) 1,3-Dichlorobenzene	6.781	146	655046	38.721	ng		99
13) 1,4-Dichlorobenzene	6.857	146	667145	38.777	ng		98
14) 1,2-Dichlorobenzene	7.010	146	642688	40.640	ng		98
15) Benzyl Alcohol	6.998	79	578891	43.984	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	824568	35.792	ng	#	1
17) 2-Methylphenol	7.116	107	520254	39.758	ng	#	88
18) Hexachloroethane	7.351	117	261455	40.359	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	455496	41.461	ng		92
20) 3+4-Methylphenols	7.269	107	649688	39.049	ng	#	89
22) Acetophenone	7.257	105	906092	40.269	ng		99
24) Nitrobenzene	7.434	77	685484	37.599	ng		97
25) Isophorone	7.675	82	1302649	41.047	ng		99
26) 2-Nitrophenol	7.745	139	367610	40.873	ng		97
27) 2,4-Dimethylphenol	7.793	122	594619m	44.075	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	798674	43.383	ng		100
29) 2,4-Dichlorophenol	7.998	162	544929	39.134	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	556545	38.614	ng		97
31) Naphthalene	8.151	128	1851042	37.698	ng		99
32) Benzoic acid	7.940	122	275102	28.206	ng		96
33) 4-Chloroaniline	8.204	127	706383	35.040	ng		97
34) Hexachlorobutadiene	8.257	225	335581	40.960	ng		98
35) Caprolactam	8.598	113	166260m	36.725	ng		
36) 4-Chloro-3-methylphenol	8.698	107	624193	42.264	ng		98
37) 2-Methylnaphthalene	8.839	142	1247135	39.084	ng		99
38) 1-Methylnaphthalene	8.939	142	1182746	38.396	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	549438	40.587	ng		98
41) Hexachlorocyclopentadiene	8.987	237	466310	77.358	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	375239	38.164	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	394248	36.872	ng	#	93
46) 1,1'-Biphenyl	9.310	154	1510829	40.155	ng		98
47) 2-Chloronaphthalene	9.334	162	1168692	38.424	ng		99
48) 2-Nitroaniline	9.439	65	380244	37.596	ng		87
49) Acenaphthylene	9.751	152	1749582	37.856	ng		100
50) Dimethylphthalate	9.610	163	1442754	40.538	ng		99
51) 2,6-Dinitrotoluene	9.681	165	317526	39.862	ng		98
52) Acenaphthene	9.922	154	1260790m	41.767	ng		
53) 3-Nitroaniline	9.851	138	282775	30.063	ng	#	97
54) 2,4-Dinitrophenol	9.969	184	309176	76.030	ng	#	87
55) Dibenzofuran	10.092	168	1583216	38.047	ng		95
56) 4-Nitrophenol	10.039	139	372371	53.660	ng		94
57) 2,4-Dinitrotoluene	10.086	165	399733	38.414	ng	#	88
58) Fluorene	10.439	166	1294748	38.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	287202	34.758	ng		93
60) Diethylphthalate	10.310	149	1401156	40.726	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	609112	41.497	ng		97
62) 4-Nitroaniline	10.481	138	325836m	34.919	ng		
63) Azobenzene	10.586	77	1335371	38.054	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	205669	38.390	ng		86
66) n-Nitrosodiphenylamine	10.551	169	1129563	39.961	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	401456	43.193	ng		96
68) Hexachlorobenzene	10.986	284	429503	42.648	ng		99
69) Atrazine	11.081	200	384170	44.745	ng		96
70) Pentachlorophenol	11.192	266	340231	62.145	ng		99
71) Phenanthrene	11.404	178	1778834	38.392	ng		100
72) Anthracene	11.457	178	1797525	39.479	ng		99
73) Carbazole	11.616	167	1648168	38.454	ng		99
74) Di-n-butylphthalate	11.928	149	2159201	42.302	ng		99
75) Fluoranthene	12.592	202	1784361	38.009	ng		98
77) Benzidine	12.710	184	633666	34.374	ng		99
78) Pyrene	12.822	202	1781865	40.834	ng		99
80) Butylbenzylphthalate	13.427	149	831202	43.916	ng		98
81) Benzo(a)anthracene	14.016	228	1403254	39.367	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	424985	36.110	ng		97
83) Chrysene	14.051	228	1277352	38.023	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	1137956	45.668	ng		100
85) Di-n-octyl phthalate	14.598	149	1700474	47.423	ng		96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1225557	43.504	ng		99
88) Benzo(b)fluoranthene	15.069	252	1253863	45.186	ng		100
89) Benzo(k)fluoranthene	15.098	252	1169016	42.989	ng		99
90) Benzo(a)pyrene	15.439	252	1045243	46.401	ng		100
91) Dibenzo(a,h)anthracene	17.004	278	1066575	46.518	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1075724	45.914	ng		97

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

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