Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130530.D
Acq On : 05 Oct 2022 13:53
Operator : CG\JU
Sample : PB148087BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 06 01:10:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148087BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	99565	20.000	ng		0.00
21) Naphthalene-d8	7.916	136	383794	20.000	ng		0.00
39) Acenaphthene-d10	9.669	164	206983	20.000	ng		0.00
64) Phenanthrene-d10	11.145	188	355581	20.000	ng		0.00
76) Chrysene-d12	13.780	240	194930	20.000	ng		0.00
86) Perylene-d12	15.163	264	167214	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	768674	133.906	ng		0.02
7) Phenol-d6	6.287	99	938166	130.617	ng		0.00
23) Nitrobenzene-d5	7.204	82	589153	78.425	ng		0.00
42) 2,4,6-Tribromophenol	10.463	330	288180	145.304	ng		0.00
45) 2-Fluorobiphenyl	8.992	172	1111565	78.202	ng		0.00
79) Terphenyl-d14	12.733	244	1130489	96.068	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.316	88	106370	40.348	ng		98
3) Pyridine	2.987	79	243016	35.337	ng		97
4) n-Nitrosodimethylamine	2.952	42	148014	39.572	ng		92
6) Aniline	6.298	93	343108	38.770	ng	#	27
8) 2-Chlorophenol	6.422	128	292919	44.795	ng		92
9) Benzaldehyde	6.181	77	123699	25.711	ng		99
10) Phenol	6.298	94	355896	42.282	ng	#	72
11) bis(2-Chloroethyl)ether	6.375	93	266118	43.833	ng		97
12) 1,3-Dichlorobenzene	6.569	146	312265	43.399	ng		97
13) 1,4-Dichlorobenzene	6.651	146	316546	43.142	ng		98
14) 1,2-Dichlorobenzene	6.798	146	301085	43.927	ng		99
15) Benzyl Alcohol	6.787	79	226494	39.772	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.916	45	335196	37.854	ng		84
17) 2-Methylphenol	6.904	107	236866	44.560	ng		96
18) Hexachloroethane	7.140	117	120054	41.509	ng		98
19) n-Nitroso-di-n-propyla...	7.057	70	196921	40.630	ng		95
20) 3+4-Methylphenols	7.057	107	296709	42.968	ng	#	70
22) Acetophenone	7.051	105	411129	43.815	ng		92
24) Nitrobenzene	7.222	77	307882	40.362	ng		97
25) Isophorone	7.463	82	533981	44.101	ng		98
26) 2-Nitrophenol	7.540	139	151396	48.416	ng		87
27) 2,4-Dimethylphenol	7.581	122	244438	50.769	ng		99
28) bis(2-Chloroethoxy)met...	7.675	93	319160	46.812	ng		99
29) 2,4-Dichlorophenol	7.781	162	234809	44.504	ng		99
30) 1,2,4-Trichlorobenzene	7.857	180	243770	42.734	ng		97
31) Naphthalene	7.940	128	830888	42.022	ng		99
32) Benzoic acid	7.740	122	135728	36.453	ng		87
33) 4-Chloroaniline	7.992	127	274922	36.558	ng		99
34) Hexachlorobutadiene	8.051	225	152752	41.901	ng		99
35) Caprolactam	8.375	113	79363m	52.469	ng		
36) 4-Chloro-3-methylphenol	8.487	107	263658	45.084	ng		97
37) 2-Methylnaphthalene	8.628	142	535972	42.514	ng		99
38) 1-Methylnaphthalene	8.728	142	512333	42.304	ng		99
40) 1,2,4,5-Tetrachloroben...	8.792	216	246918	43.713	ng		99
41) Hexachlorocyclopentadiene	8.781	237	221050	73.093	ng		98
43) 2,4,6-Trichlorophenol	8.910	196	161650	41.004	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	171576	40.332	ng		96
46) 1,1'-Biphenyl	9.092	154	662711	42.871	ng		99
47) 2-Chloronaphthalene	9.116	162	516787	41.327	ng		99
48) 2-Nitroaniline	9.222	65	166242	39.859	ng		93
49) Acenaphthylene	9.528	152	780536	41.630	ng		100
50) Dimethylphthalate	9.404	163	605438	42.346	ng		99
51) 2,6-Dinitrotoluene	9.469	165	137552	46.002	ng	#	75
52) Acenaphthene	9.704	154	560522m	45.501	ng		
53) 3-Nitroaniline	9.634	138	118815	35.660	ng		97
54) 2,4-Dinitrophenol	9.745	184	121412	75.253	ng		89
55) Dibenzofuran	9.875	168	716027	41.789	ng		98
56) 4-Nitrophenol	9.816	139	173862	71.643	ng	#	84
57) 2,4-Dinitrotoluene	9.869	165	179768	47.042	ng		95
58) Fluorene	10.216	166	586325	41.842	ng		97
59) 2,3,4,6-Tetrachlorophenol	9.998	232	135075	40.566	ng		96
60) Diethylphthalate	10.104	149	589873	41.142	ng		97
61) 4-Chlorophenyl-phenyle...	10.210	204	265413	43.176	ng		97
62) 4-Nitroaniline	10.251	138	140303m	41.918	ng		
63) Azobenzene	10.369	77	568457	38.504	ng		97
65) 4,6-Dinitro-2-methylph...	10.275	198	86356	43.627	ng		99
66) n-Nitrosodiphenylamine	10.334	169	495338	41.687	ng		99
67) 4-Bromophenyl-phenylether	10.698	248	172124	43.880	ng		93
68) Hexachlorobenzene	10.757	284	197776	44.478	ng		97
69) Atrazine	10.863	200	159750	46.004	ng		98
70) Pentachlorophenol	10.957	266	164062	68.748	ng		99
71) Phenanthrene	11.175	178	822530	41.201	ng		100
72) Anthracene	11.228	178	841632	43.686	ng		99
73) Carbazole	11.386	167	752167	43.261	ng		99
74) Di-n-butylphthalate	11.716	149	876391	41.799	ng		99
75) Fluoranthene	12.357	202	811553	42.069	ng		99
77) Benzidine	12.486	184	311150	54.987	ng		99
78) Pyrene	12.586	202	799224	46.868	ng		100
80) Butylbenzylphthalate	13.210	149	283790	44.923	ng		97
81) Benzo(a)anthracene	13.769	228	552826	42.631	ng		99
82) 3,3'-Dichlorobenzidine	13.739	252	165715	46.946	ng		98
83) Chrysene	13.804	228	520713	42.290	ng		98
84) Bis(2-ethylhexyl)phtha...	13.769	149	305825	42.264	ng	#	99
85) Di-n-octyl phthalate	14.380	149	436112	39.404	ng		97
87) Indeno(1,2,3-cd)pyrene	16.486	276	551075	46.474	ng		99
88) Benzo(b)fluoranthene	14.780	252	519488	47.598	ng		98
89) Benzo(k)fluoranthene	14.804	252	470911	43.863	ng		100
90) Benzo(a)pyrene	15.110	252	432697	50.043	ng		99
91) Dibenzo(a,h)anthracene	16.498	278	468777	48.190	ng		100
92) Benzo(g,h,i)perylene	16.880	276	485309	49.526	ng		99

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

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