Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
Data File : BF130515.D
Acq On : 04 Oct 2022 13:32
Operator : CG\JU
Sample : PB148068BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 02:16:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148068BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

Supervised By :mohammad ahmed
10/06/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	125477	20.000	ng		-0.01
21) Naphthalene-d8	7.916	136	527562	20.000	ng		-0.01
39) Acenaphthene-d10	9.669	164	214712	20.000	ng		-0.01
64) Phenanthrene-d10	11.151	188	360185	20.000	ng		0.00
76) Chrysene-d12	13.780	240	182706	20.000	ng		-0.01
86) Perylene-d12	15.162	264	175977	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	904281	124.998	ng		0.00
7) Phenol-d6	6.286	99	1188969	131.351	ng		0.00
23) Nitrobenzene-d5	7.210	82	693725	67.180	ng		0.00
42) 2,4,6-Tribromophenol	10.463	330	311427	151.373	ng		0.00
45) 2-Fluorobiphenyl	8.998	172	1349830	91.546	ng		-0.01
79) Terphenyl-d14	12.733	244	1161143	105.274	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.322	88	132973	40.023	ng		97
3) Pyridine	2.993	79	261983	30.228	ng		95
4) n-Nitrosodimethylamine	2.951	42	161805	34.326	ng		92
6) Aniline	6.298	93	456744	40.952	ng	#	21
8) 2-Chlorophenol	6.422	128	397416	48.225	ng		94
9) Benzaldehyde	6.186	77	213058	35.139	ng		92
10) Phenol	6.298	94	461768	43.531	ng	#	71
11) bis(2-Chloroethyl)ether	6.381	93	343388	44.880	ng		95
12) 1,3-Dichlorobenzene	6.575	146	372757	41.108	ng		97
13) 1,4-Dichlorobenzene	6.651	146	388947	42.062	ng		99
14) 1,2-Dichlorobenzene	6.804	146	393846	45.594	ng		98
15) Benzyl Alcohol	6.792	79	302863	42.200	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.916	45	560284	50.207	ng		82
17) 2-Methylphenol	6.904	107	353342	52.745	ng		97
18) Hexachloroethane	7.139	117	139159	38.179	ng		97
19) n-Nitroso-di-n-propyla...	7.063	70	234829	38.446	ng		93
20) 3+4-Methylphenols	7.063	107	345836	39.740	ng	#	64
22) Acetophenone	7.051	105	478307	37.083	ng		92
24) Nitrobenzene	7.228	77	359055	34.243	ng		94
25) Isophorone	7.463	82	656610	39.451	ng		99
26) 2-Nitrophenol	7.539	139	177965	41.403	ng		93
27) 2,4-Dimethylphenol	7.586	122	293848	44.400	ng		94
28) bis(2-Chloroethoxy)met...	7.681	93	403015	43.003	ng		98
29) 2,4-Dichlorophenol	7.786	162	290660	40.077	ng		95
30) 1,2,4-Trichlorobenzene	7.863	180	337282	43.014	ng		95
31) Naphthalene	7.939	128	1066593	39.243	ng		99
32) Benzoic acid	7.745	122	160077	31.277	ng		98
33) 4-Chloroaniline	7.998	127	336374	32.540	ng		96
34) Hexachlorobutadiene	8.051	225	203704	40.650	ng		99
35) Caprolactam	8.380	113	107442m	51.676	ng		
36) 4-Chloro-3-methylphenol	8.492	107	384058	47.775	ng		99
37) 2-Methylnaphthalene	8.628	142	656462	37.882	ng		99
38) 1-Methylnaphthalene	8.727	142	649813	39.034	ng		98
40) 1,2,4,5-Tetrachloroben...	8.798	216	313049	53.425	ng		99
41) Hexachlorocyclopentadiene	8.780	237	295011	94.037	ng		99
43) 2,4,6-Trichlorophenol	8.916	196	190237	46.519	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	210264	47.647	ng		94
46) 1,1'-Biphenyl	9.098	154	836471	52.163	ng		99
47) 2-Chloronaphthalene	9.122	162	705024	54.350	ng		97
48) 2-Nitroaniline	9.222	65	189230	43.737	ng		99
49) Acenaphthylene	9.533	152	864100	44.428	ng		100
50) Dimethylphthalate	9.404	163	683952	46.115	ng		100
51) 2,6-Dinitrotoluene	9.469	165	151484	48.837	ng		87
52) Acenaphthene	9.704	154	515670	40.354	ng		99
53) 3-Nitroaniline	9.639	138	120899	34.979	ng		90
54) 2,4-Dinitrophenol	9.751	184	137823	81.760	ng	#	82
55) Dibenzofuran	9.874	168	794008	44.672	ng		99
56) 4-Nitrophenol	9.816	139	188751	74.979	ng		88
57) 2,4-Dinitrotoluene	9.874	165	199513	50.329	ng		92
58) Fluorene	10.216	166	644916	44.366	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.998	232	152800	44.237	ng		94
60) Diethylphthalate	10.104	149	674792	45.370	ng		98
61) 4-Chlorophenyl-phenyle...	10.210	204	299659	46.992	ng		99
62) 4-Nitroaniline	10.257	138	150107m	43.232	ng		
63) Azobenzene	10.369	77	645772	42.166	ng		98
65) 4,6-Dinitro-2-methylph...	10.280	198	95826	47.793	ng		89
66) n-Nitrosodiphenylamine	10.333	169	551656	45.833	ng		99
67) 4-Bromophenyl-phenylether	10.698	248	191290	48.143	ng		97
68) Hexachlorobenzene	10.763	284	215035	47.742	ng		95
69) Atrazine	10.869	200	180981	51.452	ng		97
70) Pentachlorophenol	10.963	266	173930	71.952	ng		99
71) Phenanthrene	11.174	178	885798	43.803	ng		100
72) Anthracene	11.227	178	893433	45.782	ng		100
73) Carbazole	11.386	167	776495	44.089	ng		99
74) Di-n-butylphthalate	11.721	149	972787	45.804	ng		99
75) Fluoranthene	12.357	202	836513	42.809	ng		100
77) Benzidine	12.486	184	298348	56.252	ng		100
78) Pyrene	12.586	202	815938	51.050	ng		99
80) Butylbenzylphthalate	13.210	149	297948	50.319	ng		99
81) Benzo(a)anthracene	13.768	228	556203	45.761	ng		98
82) 3,3'-Dichlorobenzidine	13.739	252	149033	45.044	ng		98
83) Chrysene	13.810	228	518320	44.912	ng		100
84) Bis(2-ethylhexyl)phtha...	13.768	149	354250	52.232	ng		100
85) Di-n-octyl phthalate	14.380	149	585583	56.450	ng		97
87) Indeno(1,2,3-cd)pyrene	16.492	276	597751	47.900	ng		100
88) Benzo(b)fluoranthene	14.780	252	525315	45.735	ng		99
89) Benzo(k)fluoranthene	14.809	252	525386	46.500	ng		99
90) Benzo(a)pyrene	15.109	252	464021	50.994	ng		99
91) Dibenzo(a,h)anthracene	16.503	278	522662	51.054	ng		99
92) Benzo(g,h,i)perylene	16.886	276	519431	50.369	ng		98

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

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