Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130664.D
Acq On : 14 Oct 2022 13:07
Operator : CG\JU
Sample : PB148312BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 02:19:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148312BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.581	152	81066	20.000	ng		0.00
21) Naphthalene-d8	7.863	136	314529	20.000	ng		-0.01
39) Acenaphthene-d10	9.616	164	169424	20.000	ng		0.00
64) Phenanthrene-d10	11.092	188	297318	20.000	ng		0.00
76) Chrysene-d12	13.727	240	193467	20.000	ng		0.00
86) Perylene-d12	15.098	264	143412	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.193	112	628346	139.716	ng		0.00
7) Phenol-d6	6.240	99	771506	136.444	ng		0.00
23) Nitrobenzene-d5	7.157	82	480386	83.377	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	266238	160.597	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	989608	88.477	ng		0.00
79) Terphenyl-d14	12.680	244	1113745	95.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.222	88	67776	24.910	ng		98
3) Pyridine	2.887	79	169853	34.899	ng		98
4) n-Nitrosodimethylamine	2.846	42	104241	45.458	ng		89
6) Aniline	6.245	93	273698	40.431	ng	#	82
8) 2-Chlorophenol	6.369	128	245228	46.367	ng		97
9) Benzaldehyde	6.134	77	137139	38.604	ng		98
10) Phenol	6.251	94	290821	44.451	ng		98
11) bis(2-Chloroethyl)ether	6.328	93	213590	44.944	ng		100
12) 1,3-Dichlorobenzene	6.522	146	260380	44.964	ng		99
13) 1,4-Dichlorobenzene	6.598	146	267743	45.575	ng		99
14) 1,2-Dichlorobenzene	6.751	146	252172	46.090	ng		98
15) Benzyl Alcohol	6.740	79	188591	46.456	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	266956	43.662	ng		86
17) 2-Methylphenol	6.857	107	194924	46.333	ng		97
18) Hexachloroethane	7.087	117	98073	44.128	ng		97
19) n-Nitroso-di-n-propyla...	7.010	70	162527	44.551	ng		100
20) 3+4-Methylphenols	7.016	107	246876	43.792	ng	#	84
22) Acetophenone	7.004	105	344127	45.609	ng		98
24) Nitrobenzene	7.175	77	249513	43.063	ng		98
25) Isophorone	7.416	82	446961	46.611	ng		99
26) 2-Nitrophenol	7.492	139	131466	46.267	ng		96
27) 2,4-Dimethylphenol	7.540	122	203609	51.412	ng		98
28) bis(2-Chloroethoxy)met...	7.628	93	264392	47.617	ng		100
29) 2,4-Dichlorophenol	7.734	162	206282	46.555	ng		99
30) 1,2,4-Trichlorobenzene	7.810	180	212652	44.517	ng		98
31) Naphthalene	7.887	128	706783	43.410	ng		100
32) Benzoic acid	7.704	122	107676	42.977	ng		96
33) 4-Chloroaniline	7.945	127	231944	36.776	ng		98
34) Hexachlorobutadiene	8.004	225	137761	46.465	ng		99
35) Caprolactam	8.334	113	64455m	48.348	ng		
36) 4-Chloro-3-methylphenol	8.445	107	219418	45.652	ng		98
37) 2-Methylnaphthalene	8.581	142	472083	46.075	ng		100
38) 1-Methylnaphthalene	8.675	142	442165	44.454	ng		98
40) 1,2,4,5-Tetrachloroben...	8.745	216	221744	48.240	ng		99
41) Hexachlorocyclopentadiene	8.728	237	161670	90.525	ng		99
43) 2,4,6-Trichlorophenol	8.863	196	139140	45.082	ng		100

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44)	2,4,5-Trichlorophenol	8.910	196	152350	44.886	ng	96
46)	1,1'-Biphenyl	9.045	154	575525	46.873	ng	100
47)	2-Chloronaphthalene	9.069	162	451771	45.019	ng	99
48)	2-Nitroaniline	9.175	65	135097	44.722	ng	95
49)	Acenaphthylene	9.481	152	680105	45.232	ng	99
50)	Dimethylphthalate	9.357	163	534150	45.545	ng	98
51)	2,6-Dinitrotoluene	9.416	165	119822	46.576	ng	95
52)	Acenaphthene	9.651	154	408458	44.837	ng	99
53)	3-Nitroaniline	9.586	138	96946	34.378	ng	96
54)	2,4-Dinitrophenol	9.704	184	116792	88.526	ng	98
55)	Dibenzofuran	9.822	168	638513	46.010	ng	98
56)	4-Nitrophenol	9.769	139	144402	92.870	ng	91
57)	2,4-Dinitrotoluene	9.822	165	159294	48.178	ng	98
58)	Fluorene	10.163	166	521205	45.682	ng	98
59)	2,3,4,6-Tetrachlorophenol	9.945	232	115756	42.778	ng	98
60)	Diethylphthalate	10.051	149	518234	44.288	ng	98
61)	4-Chlorophenyl-phenyle...	10.157	204	244068	47.316	ng	97
62)	4-Nitroaniline	10.204	138	118283	43.932	ng	97
63)	Azobenzene	10.316	77	467616	42.428	ng	99
65)	4,6-Dinitro-2-methylph...	10.233	198	84239	45.338	ng	99
66)	n-Nitrosodiphenylamine	10.281	169	449294	45.429	ng	99
67)	4-Bromophenyl-phenylether	10.645	248	159190	47.320	ng	95
68)	Hexachlorobenzene	10.704	284	182341	47.948	ng	99
69)	Atrazine	10.816	200	150144	55.752	ng	97
70)	Pentachlorophenol	10.910	266	142326	96.161	ng	98
71)	Phenanthrene	11.122	178	741942	45.041	ng	99
72)	Anthracene	11.175	178	747388	46.457	ng	99
73)	Carbazole	11.333	167	680199	47.383	ng	99
74)	Di-n-butylphthalate	11.663	149	796991	45.833	ng	100
75)	Fluoranthene	12.304	202	761346	48.090	ng	99
77)	Benzidine	12.433	184	278121	56.874	ng	98
78)	Pyrene	12.533	202	775017	46.435	ng	100
80)	Butylbenzylphthalate	13.157	149	302929	47.200	ng	100
81)	Benzo(a)anthracene	13.716	228	584633	44.847	ng	100
82)	3,3'-Dichlorobenzidine	13.686	252	163018	43.275	ng	98
83)	Chrysene	13.751	228	541822	43.837	ng	99
84)	Bis(2-ethylhexyl)phtha...	13.716	149	367575	47.242	ng	99
85)	Di-n-octyl phthalate	14.321	149	488794	41.020	ng	98
87)	Indeno(1,2,3-cd)pyrene	16.392	276	498059	46.401	ng	98
88)	Benzo(b)fluoranthene	14.721	252	460970	50.761	ng	99
89)	Benzo(k)fluoranthene	14.751	252	443637	47.978	ng	98
90)	Benzo(a)pyrene	15.045	252	384938	50.931	ng	97
91)	Dibenzo(a,h)anthracene	16.404	278	436676	49.631	ng	98
92)	Benzo(g,h,i)perylene	16.780	276	440304	53.730	ng	97

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

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