Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135685.D
Acq On : 10 Oct 2023 15:23
Operator : CG\JU
Sample : PB156053BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 02:57:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	104516	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	421503	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	218176	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	427817	20.000	ng		0.00
76) Chrysene-d12	13.939	240	229729	20.000	ng		0.00
86) Perylene-d12	15.404	264	217151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	783988	122.002	ng		0.02
7) Phenol-d6	6.398	99	968596	118.540	ng		0.00
23) Nitrobenzene-d5	7.310	82	608385	78.417	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	262255	120.958	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1121756	77.571	ng		0.00
79) Terphenyl-d14	12.868	244	1179864	79.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	107390	38.122	ng		99
3) Pyridine	3.287	79	248817	32.818	ng		95
4) n-Nitrosodimethylamine	3.246	42	183287	45.556	ng		93
6) Aniline	6.410	93	287628	26.843	ng	#	17
8) 2-Chlorophenol	6.534	128	308482	44.969	ng		94
9) Benzaldehyde	6.298	77	66063	14.192	ng		97
10) Phenol	6.410	94	366961	40.956	ng		80
11) bis(2-Chloroethyl)ether	6.481	93	286629	42.647	ng		98
12) 1,3-Dichlorobenzene	6.681	146	305022	43.752	ng		96
13) 1,4-Dichlorobenzene	6.757	146	313359	44.179	ng		99
14) 1,2-Dichlorobenzene	6.904	146	289586	43.964	ng		99
15) Benzyl Alcohol	6.898	79	240744	41.058	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	524997	41.442	ng		62
17) 2-Methylphenol	7.010	107	250085	41.312	ng	#	92
18) Hexachloroethane	7.239	117	115002	43.881	ng		93
19) n-Nitroso-di-n-propyla...	7.157	70	204389	40.384	ng		94
20) 3+4-Methylphenols	7.163	107	313262	43.036	ng	#	75
22) Acetophenone	7.151	105	410361	42.583	ng	#	91
24) Nitrobenzene	7.328	77	318754	41.568	ng		99
25) Isophorone	7.563	82	590632	41.459	ng		99
26) 2-Nitrophenol	7.639	139	163864	44.524	ng		98
27) 2,4-Dimethylphenol	7.686	122	253615	40.997	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	359510	42.162	ng		99
29) 2,4-Dichlorophenol	7.892	162	255336	44.544	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	255724	42.681	ng		99
31) Naphthalene	8.039	128	856253	41.810	ng		99
32) Benzoic acid	7.845	122	177986	38.209	ng		95
33) 4-Chloroaniline	8.098	127	219482	24.427	ng		97
34) Hexachlorobutadiene	8.151	225	151069	41.815	ng		98
35) Caprolactam	8.481	113	89059m	46.292	ng		
36) 4-Chloro-3-methylphenol	8.598	107	282117	44.282	ng		99
37) 2-Methylnaphthalene	8.733	142	550634	39.999	ng		100
38) 1-Methylnaphthalene	8.833	142	527847	40.955	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	263474	41.684	ng		100
41) Hexachlorocyclopentadiene	8.880	237	111085	43.588	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	169179	40.880	ng		99

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44) 2,4,5-Trichlorophenol	9.075	196	184529	38.719	ng		98
46) 1,1'-Biphenyl	9.198	154	694730	41.436	ng		98
47) 2-Chloronaphthalene	9.228	162	516757	42.479	ng		100
48) 2-Nitroaniline	9.333	65	209690	44.369	ng		94
49) Acenaphthylene	9.639	152	844820	41.787	ng		99
50) Dimethylphthalate	9.510	163	614992	41.692	ng		99
51) 2,6-Dinitrotoluene	9.580	165	139142	43.059	ng		89
52) Acenaphthene	9.810	154	503034	42.118	ng		97
53) 3-Nitroaniline	9.751	138	118944	31.357	ng		97
54) 2,4-Dinitrophenol	9.875	184	135647	74.416	ng		97
55) Dibenzofuran	9.986	168	749019	41.098	ng		97
56) 4-Nitrophenol	9.939	139	145536	60.370	ng		97
57) 2,4-Dinitrotoluene	9.992	165	174608	43.161	ng		94
58) Fluorene	10.333	166	605179	43.193	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162482	44.320	ng		96
60) Diethylphthalate	10.210	149	641078	43.305	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	282088	41.912	ng		98
62) 4-Nitroaniline	10.375	138	147712	40.512	ng		99
63) Azobenzene	10.486	77	610707	42.151	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	95729	42.129	ng		86
66) n-Nitrosodiphenylamine	10.445	169	552970	42.694	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	179321	42.144	ng		98
68) Hexachlorobenzene	10.880	284	193267	44.585	ng	#	90
69) Atrazine	10.980	200	167117	47.953	ng		98
70) Pentachlorophenol	11.086	266	132036	50.910	ng		96
71) Phenanthrene	11.298	178	872448	43.118	ng		99
72) Anthracene	11.351	178	886063	42.603	ng		99
73) Carbazole	11.516	167	835656	44.137	ng		99
74) Di-n-butylphthalate	11.839	149	989231	44.341	ng		100
75) Fluoranthene	12.498	202	931534	44.183	ng		98
77) Benzidine	12.627	184	176942	37.596	ng		98
78) Pyrene	12.727	202	940130	42.983	ng		100
80) Butylbenzylphthalate	13.345	149	361560	46.951	ng		95
81) Benzo(a)anthracene	13.927	228	663876	44.753	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	185470	40.028	ng	#	98
83) Chrysene	13.963	228	617108	41.842	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	429920	54.404	ng		100
85) Di-n-octyl phthalate	14.521	149	594003	47.300	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	640512	44.987	ng		99
88) Benzo(b)fluoranthene	14.980	252	547821	46.603	ng		100
89) Benzo(k)fluoranthene	15.009	252	516215	44.455	ng		100
90) Benzo(a)pyrene	15.345	252	489678	43.682	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	530271	45.518	ng		98
92) Benzo(g,h,i)perylene	17.351	276	560360	46.058	ng		98

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

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