Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
Data File : BF135351.D
Acq On : 20 Sep 2023 11:52
Operator : CG\JU
Sample : PB155675BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 20 12:53:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155675BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

09/21/2023
Supervised By :mohammad ahmed

09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	158746	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	629940	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	312398	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	595724	20.000	ng		0.00
76) Chrysene-d12	13.951	240	304835	20.000	ng		0.00
86) Perylene-d12	15.410	264	304832	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1061917	108.800	ng		0.02
7) Phenol-d6	6.410	99	1369447	110.343	ng		0.00
23) Nitrobenzene-d5	7.328	82	885903	76.405	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	320600	103.270	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1481429	71.545	ng		0.00
79) Terphenyl-d14	12.886	244	1449000	73.687	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	176623	41.279	ng		95
3) Pyridine	3.322	79	334139	29.016	ng		98
4) n-Nitrosodimethylamine	3.281	42	274817	44.972	ng		100
6) Aniline	6.428	93	219791	13.505	ng	#	1
8) 2-Chlorophenol	6.545	128	465053	44.634	ng		100
10) Phenol	6.422	94	529011	38.872	ng		94
11) bis(2-Chloroethyl)ether	6.504	93	440102	43.113	ng		99
12) 1,3-Dichlorobenzene	6.698	146	445783	42.099	ng		99
13) 1,4-Dichlorobenzene	6.775	146	445864	41.387	ng		99
14) 1,2-Dichlorobenzene	6.928	146	417119	41.693	ng		98
15) Benzyl Alcohol	6.910	79	354540	39.810	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	837017	43.501	ng		94
17) 2-Methylphenol	7.028	107	382986	41.654	ng	#	94
18) Hexachloroethane	7.263	117	171381	43.054	ng		91
19) n-Nitroso-di-n-propyla...	7.181	70	291972	37.981	ng		94
20) 3+4-Methylphenols	7.181	107	420631	38.045	ng	#	83
22) Acetophenone	7.169	105	587526	40.795	ng	#	95
24) Nitrobenzene	7.345	77	478822	41.781	ng		100
25) Isophorone	7.587	82	898205	42.187	ng		99
26) 2-Nitrophenol	7.663	139	246880	44.885	ng		94
27) 2,4-Dimethylphenol	7.704	122	412541	44.621	ng		98
28) bis(2-Chloroethoxy)met...	7.792	93	551682	43.292	ng		100
29) 2,4-Dichlorophenol	7.904	162	368588	43.025	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	373418	41.702	ng		98
31) Naphthalene	8.063	128	1246045	40.711	ng		99
32) Benzoic acid	7.857	122	319646	45.914	ng		99
33) 4-Chloroaniline	8.116	127	256753	19.120	ng		99
34) Hexachlorobutadiene	8.175	225	213143	39.476	ng		99
35) Caprolactam	8.498	113	139303m	48.450	ng		
36) 4-Chloro-3-methylphenol	8.610	107	406360	42.678	ng		99
37) 2-Methylnaphthalene	8.751	142	797185	38.747	ng		98
38) 1-Methylnaphthalene	8.851	142	749159	38.893	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	370944	40.986	ng		99
41) Hexachlorocyclopentadiene	8.904	237	229366	59.591	ng		97
43) 2,4,6-Trichlorophenol	9.039	196	246252	41.557	ng		100
44) 2,4,5-Trichlorophenol	9.092	196	270438	39.630	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.222	154	982821	40.938	ng		98
47)	2-Chloronaphthalene	9.245	162	735531	42.227	ng		98
48)	2-Nitroaniline	9.351	65	296782	43.857	ng		99
49)	Acenaphthylene	9.663	152	1149558	39.710	ng		100
50)	Dimethylphthalate	9.528	163	880674	41.696	ng		99
51)	2,6-Dinitrotoluene	9.592	165	199782	43.178	ng		98
52)	Acenaphthene	9.833	154	705679	41.265	ng		98
53)	3-Nitroaniline	9.763	138	187286	34.483	ng		97
54)	2,4-Dinitrophenol	9.881	184	221688	84.054	ng		93
55)	Dibenzofuran	10.010	168	990845	37.969	ng		100
56)	4-Nitrophenol	9.945	139	288484	83.573	ng		97
57)	2,4-Dinitrotoluene	10.004	165	227568	39.286	ng	#	80
58)	Fluorene	10.351	166	781297	38.944	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.128	232	225094	42.880	ng		99
60)	Diethylphthalate	10.233	149	869350	41.013	ng		99
61)	4-Chlorophenyl-phenyle...	10.339	204	361051	37.465	ng		98
62)	4-Nitroaniline	10.386	138	230221	44.097	ng		98
63)	Azobenzene	10.504	77	876306	42.241	ng		97
65)	4,6-Dinitro-2-methylph...	10.416	198	153873	48.631	ng		97
66)	n-Nitrosodiphenylamine	10.469	169	748151	41.483	ng		99
67)	4-Bromophenyl-phenylether	10.833	248	236170	39.861	ng		94
68)	Hexachlorobenzene	10.898	284	256479	42.491	ng	#	92
69)	Atrazine	10.992	200	69940	14.412	ng		99
70)	Pentachlorophenol	11.098	266	252709	69.975	ng		99
71)	Phenanthrene	11.316	178	1172760	41.624	ng		98
72)	Anthracene	11.369	178	1188960	41.054	ng		100
73)	Carbazole	11.527	167	1164343	44.164	ng		100
74)	Di-n-butylphthalate	11.857	149	1320865	42.518	ng		99
75)	Fluoranthene	12.510	202	1240648	42.259	ng		98
77)	Benzidine	12.639	184	91116	14.590	ng		97
78)	Pyrene	12.739	202	1267245	43.664	ng		100
80)	Butylbenzylphthalate	13.363	149	475733	46.557	ng		96
81)	Benzo(a)anthracene	13.939	228	829544	42.143	ng		99
82)	3,3'-Dichlorobenzidine	13.904	252	260205	42.321	ng		97
83)	Chrysene	13.974	228	817965	41.796	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.927	149	523006	49.877	ng		99
85)	Di-n-octyl phthalate	14.545	149	847591	50.863	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.904	276	902103	45.135	ng		97
88)	Benzo(b)fluoranthene	14.986	252	853103	51.698	ng	#	97
89)	Benzo(k)fluoranthene	15.015	252	708655m	43.474	ng		
90)	Benzo(a)pyrene	15.351	252	719546	45.725	ng		99
91)	Dibenzo(a,h)anthracene	16.915	278	745748	45.602	ng		99
92)	Benzo(g,h,i)perylene	17.351	276	787689	46.120	ng		96

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

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