Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134982.D
Acq On : 29 Aug 2023 14:08
Operator : CG\JU
Sample : PB155132BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 22:25:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155132BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	108148	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	446175	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	229713	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	442279	20.000	ng		-0.01
76) Chrysene-d12	13.968	240	214924	20.000	ng		-0.01
86) Perylene-d12	15.439	264	218267	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	876531	129.245	ng		0.00
7) Phenol-d6	6.434	99	1091027	125.897	ng		0.00
23) Nitrobenzene-d5	7.351	82	705852	87.174	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	347372	128.397	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1288508	86.712	ng		-0.01
79) Terphenyl-d14	12.916	244	1476181	94.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	109509	37.207	ng		99
3) Pyridine	3.346	79	282275	35.589	ng		99
4) n-Nitrosodimethylamine	3.304	42	164990	47.049	ng		96
6) Aniline	6.451	93	444982	41.545	ng		95
8) 2-Chlorophenol	6.575	128	352286	49.504	ng		99
9) Benzaldehyde	6.339	77	214771	45.187	ng		97
10) Phenol	6.445	94	420415	47.384	ng		87
11) bis(2-Chloroethyl)ether	6.528	93	317965	47.244	ng		100
12) 1,3-Dichlorobenzene	6.728	146	365514	49.247	ng		99
13) 1,4-Dichlorobenzene	6.804	146	368945	49.665	ng		98
14) 1,2-Dichlorobenzene	6.951	146	350867	50.955	ng		100
15) Benzyl Alcohol	6.934	79	303388	50.385	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	449535	46.125	ng		99
17) 2-Methylphenol	7.045	107	275756	44.774	ng		97
18) Hexachloroethane	7.292	117	134739	50.115	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	227077	44.865	ng		98
20) 3+4-Methylphenols	7.198	107	333054	45.624	ng		98
22) Acetophenone	7.198	105	454280	46.065	ng	#	98
24) Nitrobenzene	7.369	77	359632	44.264	ng		99
25) Isophorone	7.610	82	646210	42.740	ng		99
26) 2-Nitrophenol	7.686	139	186254	46.047	ng		96
27) 2,4-Dimethylphenol	7.728	122	303471	45.999	ng		97
28) bis(2-Chloroethoxy)met...	7.822	93	386625	42.904	ng		99
29) 2,4-Dichlorophenol	7.928	162	288428	44.247	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	317571	45.889	ng		99
31) Naphthalene	8.086	128	994932	44.658	ng		100
32) Benzoic acid	7.851	122	226031	46.424	ng		96
33) 4-Chloroaniline	8.139	127	346404	36.239	ng		99
34) Hexachlorobutadiene	8.204	225	186792	45.384	ng		99
35) Caprolactam	8.510	113	96840m	47.590	ng		
36) 4-Chloro-3-methylphenol	8.628	107	310956	45.205	ng		97
37) 2-Methylnaphthalene	8.780	142	640636	43.119	ng		99
38) 1-Methylnaphthalene	8.880	142	603204	43.418	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	304090	43.443	ng		99
41) Hexachlorocyclopentadiene	8.933	237	325291	104.965	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	211026	45.648	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	220200	41.143	ng		97
46) 1,1'-Biphenyl	9.245	154	800724	44.153	ng		99
47) 2-Chloronaphthalene	9.269	162	612061	45.192	ng		98
48) 2-Nitroaniline	9.369	65	202545	45.495	ng		95
49) Acenaphthylene	9.686	152	934339	44.797	ng		99
50) Dimethylphthalate	9.551	163	724668	44.319	ng		100
51) 2,6-Dinitrotoluene	9.616	165	164238	45.541	ng		94
52) Acenaphthene	9.857	154	584915	44.516	ng		99
53) 3-Nitroaniline	9.786	138	158532	40.247	ng		98
54) 2,4-Dinitrophenol	9.898	184	183862	107.750	ng	#	88
55) Dibenzofuran	10.033	168	853412	44.611	ng		97
56) 4-Nitrophenol	9.957	139	272508	99.273	ng		94
57) 2,4-Dinitrotoluene	10.022	165	213526	47.876	ng		91
58) Fluorene	10.374	166	669825	46.165	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	193325	46.362	ng		97
60) Diethylphthalate	10.257	149	690206	46.073	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	326213	44.850	ng		97
62) 4-Nitroaniline	10.404	138	176797	48.013	ng		97
63) Azobenzene	10.533	77	668629	44.928	ng		96
65) 4,6-Dinitro-2-methylph...	10.433	198	126570	48.499	ng		93
66) n-Nitrosodiphenylamine	10.492	169	602095	42.274	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	215419	42.218	ng		97
68) Hexachlorobenzene	10.927	284	242817	44.744	ng		96
69) Atrazine	11.027	200	211773	54.757	ng		99
70) Pentachlorophenol	11.122	266	254172	77.827	ng		99
71) Phenanthrene	11.345	178	1039130	44.836	ng		99
72) Anthracene	11.392	178	1059692	44.626	ng		100
73) Carbazole	11.551	167	917848	46.907	ng		99
74) Di-n-butylphthalate	11.886	149	1046962	46.652	ng		100
75) Fluoranthene	12.539	202	1049642	47.799	ng		98
77) Benzidine	12.663	184	468212	134.269	ng		99
78) Pyrene	12.768	202	1047346	45.961	ng		99
80) Butylbenzylphthalate	13.392	149	358975	51.705	ng		99
81) Benzo(a)anthracene	13.963	228	663273	45.232	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	200070	43.108	ng	#	98
83) Chrysene	13.998	228	628254	43.423	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	385413	51.247	ng		99
85) Di-n-octyl phthalate	14.574	149	537463	43.826	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	749554	48.044	ng		99
88) Benzo(b)fluoranthene	15.009	252	612577	49.744	ng		99
89) Benzo(k)fluoranthene	15.039	252	548997	45.400	ng		99
90) Benzo(a)pyrene	15.380	252	538731	43.823	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	607626	48.135	ng		99
92) Benzo(g,h,i)perylene	17.386	276	611329	47.308	ng		99

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

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