Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
Data File : BF135880.D
Acq On : 19 Oct 2023 11:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 16:49:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	100815	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	374130	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	191248	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	381872	20.000	ng		0.00
76) Chrysene-d12	13.945	240	221200	20.000	ng		0.00
86) Perylene-d12	15.415	264	197338	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	501621	79.996	ng		0.00
7) Phenol-d6	6.404	99	595679	76.135	ng		0.00
23) Nitrobenzene-d5	7.316	82	585268	86.038	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	142545	77.674	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1025932	83.873	ng		0.00
79) Terphenyl-d14	12.874	244	1161461	97.239	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	144040	47.623	ng		99
3) Pyridine	3.193	79	282229	38.031	ng		93
4) n-Nitrosodimethylamine	3.181	42	155638	38.999	ng		98
6) Aniline	6.410	93	374566	38.042	ng	#	84
8) 2-Chlorophenol	6.533	128	266614	39.428	ng		100
9) Benzaldehyde	6.298	77	176696	39.679	ng		98
10) Phenol	6.416	94	323713	39.487	ng		96
11) bis(2-Chloroethyl)ether	6.481	93	255223	38.638	ng		98
12) 1,3-Dichlorobenzene	6.675	146	271556	39.613	ng		98
13) 1,4-Dichlorobenzene	6.757	146	271824	39.142	ng		99
14) 1,2-Dichlorobenzene	6.910	146	243392	38.925	ng		98
15) Benzyl Alcohol	6.898	79	214762	41.283	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	446481	37.373	ng		69
17) 2-Methylphenol	7.010	107	226409	38.678	ng		92
18) Hexachloroethane	7.239	117	103262	41.010	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	190583	39.396	ng		96
20) 3+4-Methylphenols	7.169	107	291888	39.998	ng		95
22) Acetophenone	7.157	105	368320	42.926	ng		98
24) Nitrobenzene	7.333	77	290767	42.590	ng		100
25) Isophorone	7.569	82	527479	41.102	ng		97
26) 2-Nitrophenol	7.645	139	142513	42.774	ng		100
27) 2,4-Dimethylphenol	7.692	122	231967	42.293	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	310156	40.582	ng		98
29) 2,4-Dichlorophenol	7.892	162	221951	43.181	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	221059	42.050	ng		99
31) Naphthalene	8.039	128	741508	40.634	ng		98
32) Benzoic acid	7.828	122	80463m	21.673	ng		
33) 4-Chloroaniline	8.104	127	324377	40.692	ng		98
34) Hexachlorobutadiene	8.151	225	132984	42.736	ng		98
35) Caprolactam	8.498	113	67876m	38.629	ng		
36) 4-Chloro-3-methylphenol	8.598	107	239173	41.959	ng		97
37) 2-Methylnaphthalene	8.733	142	505884	42.076	ng		99
38) 1-Methylnaphthalene	8.833	142	471521	42.521	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	236705	43.027	ng		100
41) Hexachlorocyclopentadiene	8.880	237	21104	37.307	ng		93
43) 2,4,6-Trichlorophenol	9.027	196	148726	41.952	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	168452	40.854	ng		97
46) 1,1'-Biphenyl	9.204	154	627681	42.845	ng		98
47) 2-Chloronaphthalene	9.227	162	432124	40.928	ng		99
48) 2-Nitroaniline	9.339	65	167885	40.284	ng		99
49) Acenaphthylene	9.639	152	730270	41.795	ng		99
50) Dimethylphthalate	9.510	163	520310	40.301	ng		99
51) 2,6-Dinitrotoluene	9.586	165	120938	43.560	ng	#	83
52) Acenaphthene	9.816	154	423127	40.403	ng		98
53) 3-Nitroaniline	9.757	138	137527	40.409	ng		93
54) 2,4-Dinitrophenol	9.886	184	40300m	34.774	ng		
55) Dibenzofuran	9.986	168	644611	40.793	ng		100
56) 4-Nitrophenol	9.951	139	44792	32.245	ng		98
57) 2,4-Dinitrotoluene	9.998	165	146302	41.421	ng		91
58) Fluorene	10.333	166	471116	38.083	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	115609	37.101	ng		97
60) Diethylphthalate	10.210	149	502415	38.119	ng		100
61) 4-Chlorophenyl-phenyle...	10.321	204	231460	38.712	ng		97
62) 4-Nitroaniline	10.380	138	112496	35.925	ng		95
63) Azobenzene	10.486	77	478301	37.352	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	63535	33.060	ng		93
66) n-Nitrosodiphenylamine	10.451	169	420384	36.117	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	143725	37.494	ng		97
68) Hexachlorobenzene	10.886	284	155797	39.920	ng		99
69) Atrazine	10.980	200	125347	39.593	ng		98
70) Pentachlorophenol	11.092	266	54142	35.174	ng		97
71) Phenanthrene	11.304	178	755174	41.281	ng		99
72) Anthracene	11.357	178	794637	41.919	ng		99
73) Carbazole	11.516	167	728846	41.226	ng		99
74) Di-n-butylphthalate	11.839	149	910123	41.929	ng		100
75) Fluoranthene	12.498	202	820094	40.392	ng		99
77) Benzidine	12.627	184	186243	38.585	ng		99
78) Pyrene	12.733	202	815920	46.418	ng		100
80) Butylbenzylphthalate	13.351	149	369030	47.775	ng		95
81) Benzo(a)anthracene	13.933	228	618747	42.586	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	187219	38.853	ng		98
83) Chrysene	13.968	228	582817	41.415	ng		100
84) Bis(2-ethylhexyl)phtha...	13.909	149	474212	45.297	ng	#	98
85) Di-n-octyl phthalate	14.527	149	651669	39.255	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	601671	55.956	ng		97
88) Benzo(b)fluoranthene	14.992	252	470656	42.615	ng		98
89) Benzo(k)fluoranthene	15.015	252	437142	40.769	ng		99
90) Benzo(a)pyrene	15.356	252	425054	40.928	ng		100
91) Dibenzo(a,h)anthracene	16.933	278	495141	56.173	ng		98
92) Benzo(g,h,i)perylene	17.386	276	447900	49.467	ng		97

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

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