Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135773.D
Acq On : 16 Oct 2023 13:13
Operator : CG\JU
Sample : 04685-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 01:29:57 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 :
PP-20230928-B6A-0-7.5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	89217	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	353577	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	175375	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	325995	20.000	ng		0.00
76) Chrysene-d12	13.945	240	180401	20.000	ng		0.00
86) Perylene-d12	15.415	264	193909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	575452	103.700	ng		0.00
7) Phenol-d6	6.392	99	684615	98.878	ng		0.00
23) Nitrobenzene-d5	7.310	82	432828	67.327	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	170129	101.095	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	755909	67.391	ng		0.00
79) Terphenyl-d14	12.869	244	792686	81.373	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	125147	46.756	ng		99
3) Pyridine	3.234	79	289975	44.154	ng		96
4) n-Nitrosodimethylamine	3.199	42	188993	53.513	ng		99
6) Aniline	6.404	93	261042	29.959	ng	#	40
8) 2-Chlorophenol	6.534	128	314810	52.608	ng		97
9) Benzaldehyde	6.298	77	59294	15.046	ng		98
10) Phenol	6.410	94	373649	51.503	ng		84
11) bis(2-Chloroethyl)ether	6.481	93	295038	50.471	ng		100
12) 1,3-Dichlorobenzene	6.675	146	317361	52.313	ng		99
13) 1,4-Dichlorobenzene	6.757	146	323987	52.718	ng		98
14) 1,2-Dichlorobenzene	6.904	146	300273	54.264	ng		99
15) Benzyl Alcohol	6.892	79	253311	55.023	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	541192	51.190	ng		84
17) 2-Methylphenol	7.010	107	248582	47.986	ng		95
18) Hexachloroethane	7.239	117	121365	54.466	ng		93
19) n-Nitroso-di-n-propyla...	7.157	70	204902	47.862	ng		99
20) 3+4-Methylphenols	7.163	107	317210	49.118	ng		94
22) Acetophenone	7.151	105	414240	51.084	ng	#	98
24) Nitrobenzene	7.328	77	331603	51.395	ng		100
25) Isophorone	7.563	82	616996	50.872	ng		99
26) 2-Nitrophenol	7.645	139	170183	54.048	ng		96
27) 2,4-Dimethylphenol	7.686	122	240412	46.380	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	370833	51.342	ng		98
29) 2,4-Dichlorophenol	7.892	162	266318	54.825	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	266168	53.573	ng		99
31) Naphthalene	8.039	128	887269	51.448	ng		99
32) Benzoic acid	7.839	122	180056	51.317	ng		99
33) 4-Chloroaniline	8.104	127	138552	18.391	ng		95
34) Hexachlorobutadiene	8.151	225	160713	54.650	ng		99
35) Caprolactam	8.486	113	90168m	54.298	ng		
36) 4-Chloro-3-methylphenol	8.598	107	285175	52.938	ng		98
37) 2-Methylnaphthalene	8.733	142	552226	48.601	ng		100
38) 1-Methylnaphthalene	8.833	142	532291	50.791	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	265541	52.637	ng		100
41) Hexachlorocyclopentadiene	8.881	237	61981	68.444	ng		96
43) 2,4,6-Trichlorophenol	9.028	196	172119	52.945	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	183329	48.486	ng		97
46) 1,1'-Biphenyl	9.204	154	683163	50.853	ng		99
47) 2-Chloronaphthalene	9.228	162	506988	52.365	ng		99
48) 2-Nitroaniline	9.339	65	199823	52.287	ng		97
49) Acenaphthylene	9.639	152	847639	52.904	ng		99
50) Dimethylphthalate	9.510	163	615026	51.949	ng		99
51) 2,6-Dinitrotoluene	9.580	165	133761	52.540	ng		99
52) Acenaphthene	9.816	154	494386	51.480	ng		99
53) 3-Nitroaniline	9.751	138	129249	41.414	ng		97
54) 2,4-Dinitrophenol	9.875	184	104972	98.775	ng	#	88
55) Dibenzofuran	9.986	168	730387	50.405	ng		99
56) 4-Nitrophenol	9.939	139	144041	99.308	ng		90
57) 2,4-Dinitrotoluene	9.998	165	169995	52.485	ng		95
58) Fluorene	10.333	166	586135	51.669	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	147398	51.584	ng		100
60) Diethylphthalate	10.210	149	630935	52.203	ng		100
61) 4-Chlorophenyl-phenyle...	10.322	204	279529	50.984	ng		97
62) 4-Nitroaniline	10.375	138	131483	45.789	ng		95
63) Azobenzene	10.486	77	584584	49.783	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	76842	46.837	ng		99
66) n-Nitrosodiphenylamine	10.451	169	523155	52.651	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	172492	52.711	ng		97
68) Hexachlorobenzene	10.886	284	187140	56.170	ng		97
69) Atrazine	10.980	200	168680	62.413	ng		99
70) Pentachlorophenol	11.092	266	138204	105.175	ng		96
71) Phenanthrene	11.304	178	821462	52.602	ng		100
72) Anthracene	11.357	178	833773	51.523	ng		99
73) Carbazole	11.516	167	774763	51.335	ng		100
74) Di-n-butylphthalate	11.839	149	993189	53.599	ng		99
75) Fluoranthene	12.498	202	864911	49.901	ng		99
77) Benzidine	12.633	184	126282	32.080	ng		97
78) Pyrene	12.727	202	887991	61.943	ng		100
80) Butylbenzylphthalate	13.351	149	380770	60.444	ng		95
81) Benzo(a)anthracene	13.933	228	638875	53.916	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	148035	37.669	ng		99
83) Chrysene	13.968	228	593094	51.676	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	511273	59.882	ng	#	98
85) Di-n-octyl phthalate	14.533	149	766399	56.607	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	662068	62.662	ng		98
88) Benzo(b)fluoranthene	14.992	252	572913	52.791	ng		97
89) Benzo(k)fluoranthene	15.015	252	512202	48.614	ng		99
90) Benzo(a)pyrene	15.357	252	497848	48.785	ng		100
91) Dibenzo(a,h)anthracene	16.933	278	543042	62.696	ng		99
92) Benzo(g,h,i)perylene	17.380	276	527763	59.318	ng		99

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

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