Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
05/02/2025
Supervised By :Jagrut Upadhyay
05/02/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	617909m	40.684	ng	
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	168727m	34.514	ng	
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	294308	42.108	ng		99
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng		99
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng		99
48) 2-Nitroaniline	9.480	65	211351	37.508	ng		97
49) Acenaphthylene	9.810	152	1521943	40.906	ng		100
50) Dimethylphthalate	9.669	163	1026519	42.093	ng		100
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng		98
52) Acenaphthene	9.980	154	903201	41.576	ng		100
53) 3-Nitroaniline	9.892	138	225294	40.152	ng		100
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	#	1
55) Dibenzofuran	10.151	168	1350916	41.484	ng		99
56) 4-Nitrophenol	10.039	139	159868	41.706	ng		98
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng		99
58) Fluorene	10.498	166	1007989	40.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng		99
60) Diethylphthalate	10.369	149	1030685	42.799	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng		99
62) 4-Nitroaniline	10.504	138	215440	42.018	ng		98
63) Azobenzene	10.645	77	996298	41.895	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng		99
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng		100
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng		99
68) Hexachlorobenzene	11.039	284	332960	41.207	ng		94
69) Atrazine	11.127	200	264074	45.262	ng		100
70) Pentachlorophenol	11.233	266	177109	41.491	ng		99
71) Phenanthrene	11.457	178	1446110	41.326	ng		100
72) Anthracene	11.510	178	1479001	41.339	ng		100
73) Carbazole	11.663	167	1352106	41.429	ng		100
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng		100
75) Fluoranthene	12.645	202	1485579	42.947	ng		100
77) Benzidine	12.769	184	754042	46.160	ng		99
78) Pyrene	12.874	202	1490017	42.016	ng		100
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng		98
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng		100
83) Chrysene	14.104	228	997135	42.445	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng		100
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng		100
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng		99
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng		99
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng		99
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng		100

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

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