Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142151.D
Acq On : 28 Mar 2025 10:33
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 11:45:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151492	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	576933	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	322813	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	566272	20.000	ng	0.00
76) Chrysene-d12	14.039	240	360073	20.000	ng	0.00
86) Perylene-d12	15.515	264	334690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	721590	79.496	ng	-0.01
7) Phenol-d6	6.498	99	899457	77.827	ng	0.00
23) Nitrobenzene-d5	7.433	82	777526	75.842	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	354395	86.537	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1704481	80.300	ng	-0.01
79) Terphenyl-d14	12.980	244	1902941	78.134	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	144316	37.945	ng	97
3) Pyridine	3.387	79	348450	37.350	ng	96
4) n-Nitrosodimethylamine	3.340	42	157772m	35.477	ng	
6) Aniline	6.534	93	417846	36.650	ng	99
8) 2-Chlorophenol	6.657	128	399137	39.648	ng	99
9) Benzaldehyde	6.422	77	392330	60.699	ng	98
10) Phenol	6.516	94	479091	39.404	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	347750	38.091	ng	96
12) 1,3-Dichlorobenzene	6.810	146	430068	39.570	ng	99
13) 1,4-Dichlorobenzene	6.892	146	439333	39.951	ng	99
14) 1,2-Dichlorobenzene	7.045	146	415449	40.110	ng	98
15) Benzyl Alcohol	7.010	79	353334	37.817	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	357438	32.430	ng	98
17) 2-Methylphenol	7.122	107	294092	36.741	ng	99
18) Hexachloroethane	7.386	117	157870	38.284	ng	93
19) n-Nitroso-di-n-propyla...	7.286	70	256450	34.534	ng	98
20) 3+4-Methylphenols	7.275	107	389551	37.995	ng	90
22) Acetophenone	7.281	105	533871	38.641	ng	98
24) Nitrobenzene	7.457	77	388262	38.096	ng	97
25) Isophorone	7.692	82	671515	37.056	ng	99
26) 2-Nitrophenol	7.769	139	222055	44.393	ng	99
27) 2,4-Dimethylphenol	7.804	122	263574	38.268	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	430470	37.873	ng	99
29) 2,4-Dichlorophenol	8.010	162	333002	38.952	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	370006	39.273	ng	98
31) Naphthalene	8.180	128	1179556	39.801	ng	100
32) Benzoic acid	7.922	122	260440	43.017	ng	96
33) 4-Chloroaniline	8.222	127	412768	39.454	ng	98
34) Hexachlorobutadiene	8.292	225	247821	40.334	ng	100
35) Caprolactam	8.598	113	104594	40.129	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	379820	39.828	ng	95
37) 2-Methylnaphthalene	8.869	142	742199	37.468	ng	100
38) 1-Methylnaphthalene	8.969	142	720262	37.679	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	392079	39.893	ng	99
41) Hexachlorocyclopentadiene	9.022	237	134621	34.999	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	254200	39.575	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	281553	43.279	ng		97
46) 1,1'-Biphenyl	9.333	154	998418	40.706	ng		99
47) 2-Chloronaphthalene	9.357	162	742192	40.597	ng		99
48) 2-Nitroaniline	9.451	65	216432	40.888	ng		95
49) Acenaphthylene	9.774	152	1121592	41.342	ng		100
50) Dimethylphthalate	9.633	163	910274	40.267	ng		100
51) 2,6-Dinitrotoluene	9.692	165	200083	42.510	ng		94
52) Acenaphthene	9.945	154	797665	41.839	ng		99
53) 3-Nitroaniline	9.863	138	200908	42.080	ng		98
54) 2,4-Dinitrophenol	9.969	184	109851	44.276	ng	#	48
55) Dibenzofuran	10.116	168	1086973	39.900	ng		98
56) 4-Nitrophenol	10.022	139	148794	41.326	ng		93
57) 2,4-Dinitrotoluene	10.098	165	264244	42.984	ng		97
58) Fluorene	10.463	166	849212	40.423	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	260147	43.946	ng		96
60) Diethylphthalate	10.327	149	903090	40.065	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	447525	40.860	ng		96
62) 4-Nitroaniline	10.474	138	198198	42.640	ng		97
63) Azobenzene	10.610	77	777272	37.090	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	161167	47.742	ng		91
66) n-Nitrosodiphenylamine	10.569	169	746526	40.739	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	282458	39.717	ng		97
68) Hexachlorobenzene	11.010	284	321226	41.183	ng		94
69) Atrazine	11.092	200	222196	39.553	ng		98
70) Pentachlorophenol	11.204	266	204403	42.533	ng		100
71) Phenanthrene	11.421	178	1228869	40.177	ng		99
72) Anthracene	11.474	178	1264809	41.218	ng		100
73) Carbazole	11.627	167	1099122	41.533	ng		100
74) Di-n-butylphthalate	11.957	149	1378329	39.252	ng		99
75) Fluoranthene	12.610	202	1299292	40.046	ng		100
77) Benzidine	12.733	184	178296	35.491	ng		100
78) Pyrene	12.839	202	1287389	41.333	ng		100
80) Butylbenzylphthalate	13.457	149	453514	37.201	ng		96
81) Benzo(a)anthracene	14.027	228	935148	39.578	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	266859	39.082	ng		98
83) Chrysene	14.068	228	873884	40.801	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	605719	36.036	ng		99
85) Di-n-octyl phthalate	14.627	149	850972	36.386	ng		98
87) Indeno(1,2,3-cd)pyrene	17.009	276	812567	37.531	ng		97
88) Benzo(b)fluoranthene	15.080	252	886833	38.662	ng		99
89) Benzo(k)fluoranthene	15.109	252	709364	36.137	ng		99
90) Benzo(a)pyrene	15.451	252	713989	39.780	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	651599	36.477	ng		99
92) Benzo(g,h,i)perylene	17.462	276	660474	37.415	ng		98

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

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