Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597989	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319509	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	533134	20.000	ng	0.00
76) Chrysene-d12	13.968	240	330369	20.000	ng	0.00
86) Perylene-d12	15.421	264	300994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	727699	72.646	ng	0.00
7) Phenol-d6	6.428	99	939281	73.709	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838341	73.905	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	222491	75.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1447765	69.744	ng	0.00
79) Terphenyl-d14	12.916	244	1506599	70.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	161539	36.668	ng	100
3) Pyridine	3.210	79	407942	38.432	ng	100
4) n-Nitrosodimethylamine	3.169	42	229431	37.837	ng	100
6) Aniline	6.463	93	412360	38.228	ng	99
8) 2-Chlorophenol	6.581	128	397525	37.025	ng	99
9) Benzaldehyde	6.345	77	275501	37.325	ng	99
10) Phenol	6.439	94	500772	37.071	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	379050	36.597	ng	99
12) 1,3-Dichlorobenzene	6.739	146	432517	36.536	ng	99
13) 1,4-Dichlorobenzene	6.816	146	436984	36.744	ng	98
14) 1,2-Dichlorobenzene	6.969	146	401611	36.064	ng	99
15) Benzyl Alcohol	6.939	79	324647	37.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	664022	36.868	ng	100
17) 2-Methylphenol	7.051	107	313777	35.959	ng	99
18) Hexachloroethane	7.310	117	160992	36.695	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	269514	35.594	ng	98
20) 3+4-Methylphenols	7.204	107	391525	36.543	ng	97
22) Acetophenone	7.210	105	507679	35.716	ng	98
24) Nitrobenzene	7.381	77	435929	37.084	ng	100
25) Isophorone	7.622	82	727240	37.088	ng	99
26) 2-Nitrophenol	7.698	139	211813	38.206	ng	100
27) 2,4-Dimethylphenol	7.734	122	264066m	37.421	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	461125	36.868	ng	100
29) 2,4-Dichlorophenol	7.939	162	318650	36.886	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	358109	36.298	ng	100
31) Naphthalene	8.104	128	1149392	36.385	ng	100
32) Benzoic acid	7.851	122	268867	41.447	ng	99
33) 4-Chloroaniline	8.151	127	392588	36.648	ng	99
34) Hexachlorobutadiene	8.222	225	212997	36.815	ng	99
35) Caprolactam	8.522	113	106833	37.866	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	344864	37.217	ng	98
37) 2-Methylnaphthalene	8.792	142	728000	36.258	ng	99
38) 1-Methylnaphthalene	8.892	142	710737	36.036	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	331758	36.498	ng	100
41) Hexachlorocyclopentadiene	8.945	237	106090	39.520	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	223224	37.520	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	237426	36.666	ng	99
46) 1,1'-Biphenyl	9.257	154	897425	36.015	ng	100
47) 2-Chloronaphthalene	9.281	162	696645	35.869	ng	99
48) 2-Nitroaniline	9.380	65	233710	38.256	ng	98
49) Acenaphthylene	9.698	152	980054	36.048	ng	99
50) Dimethylphthalate	9.563	163	789847	36.602	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188139	37.549	ng	99
52) Acenaphthene	9.875	154	714359	36.779	ng	100
53) 3-Nitroaniline	9.792	138	187747	38.231	ng	100
54) 2,4-Dinitrophenol	9.898	184	95612	41.050	ng	99
55) Dibenzofuran	10.045	168	945339	36.361	ng	100
56) 4-Nitrophenol	9.945	139	142865	39.779	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247489	38.150	ng	99
58) Fluorene	10.386	166	723204	35.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	197432	38.756	ng	99
60) Diethylphthalate	10.263	149	779087	37.235	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	356042	36.144	ng	99
62) 4-Nitroaniline	10.404	138	185062	38.331	ng	99
63) Azobenzene	10.539	77	778507	37.170	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	135268	42.895	ng	99
66) n-Nitrosodiphenylamine	10.498	169	643501	37.318	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	224498	37.613	ng	99
68) Hexachlorobenzene	10.933	284	237426	37.501	ng	100
69) Atrazine	11.027	200	203394	35.279	ng	98
70) Pentachlorophenol	11.127	266	157156	42.389	ng	99
71) Phenanthrene	11.351	178	1070271	37.346	ng	100
72) Anthracene	11.404	178	1060701	37.774	ng	100
73) Carbazole	11.557	167	947189	38.041	ng	99
74) Di-n-butylphthalate	11.892	149	1180612	39.126	ng	100
75) Fluoranthene	12.539	202	1112201	39.305	ng	100
77) Benzidine	12.663	184	508814	48.042	ng	99
78) Pyrene	12.769	202	1120815	35.343	ng	99
80) Butylbenzylphthalate	13.392	149	430451	38.853	ng	99
81) Benzo(a)anthracene	13.957	228	772115	33.869	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	258352	35.631	ng	100
83) Chrysene	13.992	228	763560	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	545048	38.782	ng	99
85) Di-n-octyl phthalate	14.568	149	843000	38.619	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	742134	38.201	ng	100
88) Benzo(b)fluoranthene	15.004	252	697649	36.848	ng	100
89) Benzo(k)fluoranthene	15.033	252	665836	39.698	ng	100
90) Benzo(a)pyrene	15.362	252	602926	37.684	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	594869	38.060	ng	99
92) Benzo(g,h,i)perylene	17.309	276	622871	38.327	ng	99

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

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