Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142640.D
Acq On : 06 Jun 2025 11:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 06 13:20:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	126582	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	487381	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	254808	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	375492	20.000	ng	0.00
76) Chrysene-d12	14.069	240	207998	20.000	ng	0.00
86) Perylene-d12	15.563	264	270482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	567619	75.548	ng	0.00
7) Phenol-d6	6.522	99	686543	75.909	ng	-0.01
23) Nitrobenzene-d5	7.463	82	668519	74.795	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	195700	69.200	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1379352	72.639	ng	-0.01
79) Terphenyl-d14	13.010	244	994839	65.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	120748	40.162	ng	99
3) Pyridine	3.428	79	303533	39.645	ng	98
4) n-Nitrosodimethylamine	3.375	42	148916	37.460	ng	91
6) Aniline	6.557	93	470226	38.667	ng	99
8) 2-Chlorophenol	6.681	128	314296	38.405	ng	99
9) Benzaldehyde	6.445	77	193977	35.659	ng	99
10) Phenol	6.540	94	387636	38.090	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	288182	39.339	ng	99
12) 1,3-Dichlorobenzene	6.834	146	350266	38.357	ng	99
13) 1,4-Dichlorobenzene	6.910	146	352194	38.288	ng	99
14) 1,2-Dichlorobenzene	7.063	146	339891	38.616	ng	100
15) Benzyl Alcohol	7.034	79	249352	37.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	475990	38.691	ng	98
17) 2-Methylphenol	7.145	107	244140	38.210	ng	99
18) Hexachloroethane	7.410	117	123790	38.540	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	205576	36.676	ng	97
20) 3+4-Methylphenols	7.298	107	298098	36.433	ng	96
22) Acetophenone	7.304	105	399268	37.007	ng	98
24) Nitrobenzene	7.481	77	303326	37.627	ng	99
25) Isophorone	7.716	82	551760	36.922	ng	98
26) 2-Nitrophenol	7.792	139	169530	39.357	ng	97
27) 2,4-Dimethylphenol	7.828	122	284612	37.468	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	352159	37.724	ng	100
29) 2,4-Dichlorophenol	8.040	162	266441	38.569	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	286082	38.158	ng	99
31) Naphthalene	8.204	128	902829	37.620	ng	100
32) Benzoic acid	7.939	122	169223	36.597	ng	94
33) 4-Chloroaniline	8.251	127	371240	38.176	ng	98
34) Hexachlorobutadiene	8.316	225	176293	37.659	ng	99
35) Caprolactam	8.616	113	69065	35.597	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	255521	36.092	ng	96
37) 2-Methylnaphthalene	8.892	142	562355	37.247	ng	99
38) 1-Methylnaphthalene	8.992	142	576438	36.911	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	284565	38.904	ng	99
41) Hexachlorocyclopentadiene	9.045	237	181051	36.693	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	191031	38.731	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	194235	37.340	ng	98
46) 1,1'-Biphenyl	9.357	154	748396	37.858	ng	100
47) 2-Chloronaphthalene	9.381	162	566838	38.809	ng	98
48) 2-Nitroaniline	9.475	65	156209	37.002	ng	98
49) Acenaphthylene	9.798	152	923512	37.446	ng	100
50) Dimethylphthalate	9.657	163	599163	35.637	ng	100
51) 2,6-Dinitrotoluene	9.722	165	131723	36.299	ng	96
52) Acenaphthene	9.969	154	553836	36.776	ng	99
53) 3-Nitroaniline	9.886	138	139005	35.071	ng	100
54) 2,4-Dinitrophenol	9.992	184	64611	34.463	ng	93
55) Dibenzofuran	10.145	168	796671	36.762	ng	98
56) 4-Nitrophenol	10.045	139	92741	31.712	ng	98
57) 2,4-Dinitrotoluene	10.122	165	168308	35.515	ng	100
58) Fluorene	10.486	166	604227	36.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	155965	35.916	ng	98
60) Diethylphthalate	10.351	149	558210	33.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	297816	36.211	ng	97
62) 4-Nitroaniline	10.498	138	118630	33.002	ng	95
63) Azobenzene	10.639	77	527723	35.781	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	85207	40.661	ng	95
66) n-Nitrosodiphenylamine	10.592	169	510795	39.762	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	179615	40.455	ng	96
68) Hexachlorobenzene	11.033	284	197563	40.231	ng	100
69) Atrazine	11.122	200	125923	36.910	ng	99
70) Pentachlorophenol	11.228	266	101401	36.574	ng	99
71) Phenanthrene	11.451	178	760473	37.897	ng	100
72) Anthracene	11.504	178	786902	38.423	ng	100
73) Carbazole	11.657	167	636015	36.327	ng	99
74) Di-n-butylphthalate	11.980	149	677951	35.376	ng	100
75) Fluoranthene	12.639	202	660603	35.231	ng	98
77) Benzidine	12.763	184	286297	36.988	ng	99
78) Pyrene	12.869	202	650132	33.506	ng	99
80) Butylbenzylphthalate	13.486	149	219107	40.867	ng	96
81) Benzo(a)anthracene	14.057	228	507284	36.524	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	193262	45.876	ng	98
83) Chrysene	14.098	228	491967	39.420	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	345615	50.356	ng	98
85) Di-n-octyl phthalate	14.657	149	662892	49.395	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	746484	36.762	ng	98
88) Benzo(b)fluoranthene	15.121	252	598065	37.359	ng	98
89) Benzo(k)fluoranthene	15.157	252	540571	36.053	ng	99
90) Benzo(a)pyrene	15.498	252	569346	37.731	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	605250	36.750	ng	98
92) Benzo(g,h,i)perylene	17.539	276	600963	36.482	ng	98

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

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