Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142527.D
Acq On : 23 May 2025 11:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 23 11:43:54 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	6.898	152	102129	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	402339	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	219662	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	382968	20.000	ng		0.00
76) Chrysene-d12	14.068	240	205798	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	210218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	470608	77.633	ng		0.00
7) Phenol-d6	6.522	99	568837	77.953	ng		-0.01
23) Nitrobenzene-d5	7.463	82	563479	76.368	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	189935	77.907	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	1217879	74.397	ng		-0.01
79) Terphenyl-d14	13.016	244	1149936	76.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	96221	39.667	ng		99
3) Pyridine	3.434	79	245729	39.780	ng		98
4) n-Nitrosodimethylamine	3.381	42	127656	39.801	ng		97
6) Aniline	6.563	93	389012	39.648	ng		99
8) 2-Chlorophenol	6.681	128	255014	38.622	ng		98
9) Benzaldehyde	6.451	77	170881	38.934	ng		100
10) Phenol	6.534	94	323370	39.383	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	227119	38.427	ng		100
12) 1,3-Dichlorobenzene	6.840	146	281785	38.246	ng		99
13) 1,4-Dichlorobenzene	6.916	146	283521	38.202	ng		99
14) 1,2-Dichlorobenzene	7.069	146	275049	38.731	ng		98
15) Benzyl Alcohol	7.039	79	209926	38.929	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	388267	39.117	ng		100
17) 2-Methylphenol	7.145	107	203319	39.440	ng		99
18) Hexachloroethane	7.416	117	97645	37.679	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	173304	38.321	ng		99
20) 3+4-Methylphenols	7.298	107	258083	39.095	ng	#	86
22) Acetophenone	7.310	105	343335	38.549	ng		98
24) Nitrobenzene	7.481	77	255767	38.434	ng		97
25) Isophorone	7.722	82	466331	37.802	ng		99
26) 2-Nitrophenol	7.798	139	135807	38.193	ng		98
27) 2,4-Dimethylphenol	7.834	122	244530	38.995	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	293648	38.105	ng		99
29) 2,4-Dichlorophenol	8.039	162	219193	38.436	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	235531	38.056	ng		97
31) Naphthalene	8.204	128	753642	38.042	ng		100
32) Benzoic acid	7.934	122	151193	39.609	ng		95
33) 4-Chloroaniline	8.251	127	313475	39.050	ng		99
34) Hexachlorobutadiene	8.322	225	143618	37.164	ng		99
35) Caprolactam	8.622	113	67575	42.191	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	226223	38.708	ng		97
37) 2-Methylnaphthalene	8.898	142	471179	37.805	ng		99
38) 1-Methylnaphthalene	8.998	142	488848	37.919	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	241673	38.327	ng		99
41) Hexachlorocyclopentadiene	9.051	237	164093	38.577	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	167004	39.277	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	170812	38.091	ng		99
46) 1,1'-Biphenyl	9.363	154	648852	38.074	ng		100
47) 2-Chloronaphthalene	9.386	162	480279	38.144	ng		99
48) 2-Nitroaniline	9.481	65	143246	39.360	ng		97
49) Acenaphthylene	9.804	152	811313	38.160	ng		99
50) Dimethylphthalate	9.657	163	557948	38.495	ng		100
51) 2,6-Dinitrotoluene	9.722	165	120726	38.592	ng		99
52) Acenaphthene	9.975	154	493628	38.023	ng		99
53) 3-Nitroaniline	9.892	138	138152	40.433	ng		99
54) 2,4-Dinitrophenol	9.992	184	65567	40.569	ng	#	63
55) Dibenzofuran	10.145	168	713881	38.212	ng		99
56) 4-Nitrophenol	10.039	139	104869	41.597	ng		97
57) 2,4-Dinitrotoluene	10.122	165	165084	40.408	ng		97
58) Fluorene	10.486	166	554902	38.447	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	148306	39.616	ng		99
60) Diethylphthalate	10.357	149	548470	38.746	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	272184	38.390	ng		97
62) 4-Nitroaniline	10.504	138	131817	42.537	ng		99
63) Azobenzene	10.639	77	493507	38.815	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	88031	41.189	ng		100
66) n-Nitrosodiphenylamine	10.598	169	484596	36.986	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	163880	36.190	ng		98
68) Hexachlorobenzene	11.039	284	185595	37.056	ng		99
69) Atrazine	11.122	200	140162	40.281	ng		99
70) Pentachlorophenol	11.227	266	114909	40.637	ng		98
71) Phenanthrene	11.451	178	770643	37.654	ng		100
72) Anthracene	11.504	178	793445	37.986	ng		100
73) Carbazole	11.657	167	705082	39.485	ng		100
74) Di-n-butylphthalate	11.986	149	798525	40.854	ng		100
75) Fluoranthene	12.639	202	750525	39.245	ng		98
77) Benzidine	12.763	184	357876	46.730	ng		99
78) Pyrene	12.874	202	741884	38.644	ng		100
80) Butylbenzylphthalate	13.486	149	227687	42.921	ng		99
81) Benzo(a)anthracene	14.057	228	544981	39.657	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	169860	40.752	ng		99
83) Chrysene	14.098	228	466896	37.811	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	278722	41.044	ng		100
85) Di-n-octyl phthalate	14.663	149	460090	34.650	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	577448	36.589	ng		99
88) Benzo(b)fluoranthene	15.121	252	492268	39.566	ng		98
89) Benzo(k)fluoranthene	15.151	252	413133	35.453	ng		99
90) Benzo(a)pyrene	15.498	252	447699	38.175	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	467527	36.526	ng		99
92) Benzo(g,h,i)perylene	17.533	276	473719	37.002	ng		98

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

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