Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143274.D
Acq On : 01 Aug 2025 10:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 01 11:46:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	119884	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	454267	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	232541	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	377334	20.000	ng		0.00
76) Chrysene-d12	14.127	240	218710	20.000	ng		0.00
86) Perylene-d12	15.633	264	248884	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	510556	67.393	ng		0.00
7) Phenol-d6	6.592	99	647646	67.919	ng		0.00
23) Nitrobenzene-d5	7.522	82	670316	73.554	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	177679	73.963	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1207710	71.028	ng		0.00
79) Terphenyl-d14	13.069	244	1037738	70.608	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	117309	32.725	ng		98
3) Pyridine	3.575	79	299469	32.186	ng		98
4) n-Nitrosodimethylamine	3.516	42	163940	34.127	ng		97
6) Aniline	6.622	93	443686	33.386	ng		97
8) 2-Chlorophenol	6.751	128	275634	34.710	ng		96
9) Benzaldehyde	6.510	77	245377	34.317	ng		97
10) Phenol	6.604	94	367473	35.375	ng		94
11) bis(2-Chloroethyl)ether	6.692	93	266539	33.511	ng		99
12) 1,3-Dichlorobenzene	6.904	146	304293	35.275	ng		100
13) 1,4-Dichlorobenzene	6.981	146	305373	35.152	ng		99
14) 1,2-Dichlorobenzene	7.134	146	294625	35.657	ng		99
15) Benzyl Alcohol	7.098	79	257660	35.389	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	487969	33.073	ng		98
17) 2-Methylphenol	7.210	107	230751	34.559	ng		99
18) Hexachloroethane	7.481	117	109541	36.424	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	206202	33.706	ng		100
20) 3+4-Methylphenols	7.363	107	285048	35.187	ng	#	80
22) Acetophenone	7.369	105	368805	34.292	ng	#	98
24) Nitrobenzene	7.539	77	307840	36.232	ng		98
25) Isophorone	7.781	82	555951	34.557	ng		99
26) 2-Nitrophenol	7.857	139	147081	39.887	ng		99
27) 2,4-Dimethylphenol	7.892	122	255780	34.030	ng		100
28) bis(2-Chloroethoxy)met...	7.987	93	332021	34.422	ng		100
29) 2,4-Dichlorophenol	8.098	162	227565	35.901	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	249331	36.409	ng		99
31) Naphthalene	8.269	128	792806	35.437	ng		100
32) Benzoic acid	7.998	122	139778m	34.630	ng		
33) 4-Chloroaniline	8.310	127	319441	34.969	ng		99
34) Hexachlorobutadiene	8.386	225	155981	37.286	ng		99
35) Caprolactam	8.675	113	70474	36.792	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	248737	36.103	ng		100
37) 2-Methylnaphthalene	8.957	142	484140	35.563	ng		100
38) 1-Methylnaphthalene	9.057	142	500492	35.702	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	245698	36.596	ng		99
41) Hexachlorocyclopentadiene	9.116	237	143931	32.948	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	161168	34.686	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	173381	37.303	ng		100
46) 1,1'-Biphenyl	9.422	154	646187	35.617	ng		100
47) 2-Chloronaphthalene	9.445	162	479709	35.734	ng		99
48) 2-Nitroaniline	9.533	65	164106	38.982	ng		99
49) Acenaphthylene	9.863	152	792187	35.213	ng		100
50) Dimethylphthalate	9.716	163	550866	36.342	ng		99
51) 2,6-Dinitrotoluene	9.775	165	120087	38.945	ng		99
52) Acenaphthene	10.033	154	480574	36.142	ng		99
53) 3-Nitroaniline	9.945	138	132338	36.693	ng		98
54) 2,4-Dinitrophenol	10.051	184	50762	39.961	ng	#	1
55) Dibenzofuran	10.204	168	693855	35.147	ng		99
56) 4-Nitrophenol	10.098	139	90303	33.529	ng		99
57) 2,4-Dinitrotoluene	10.180	165	154384	39.907	ng		93
58) Fluorene	10.551	166	527840	35.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	139394	36.205	ng		98
60) Diethylphthalate	10.416	149	536815	35.831	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	267125	36.207	ng		99
62) 4-Nitroaniline	10.557	138	117399	37.980	ng		98
63) Azobenzene	10.698	77	534346	34.221	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	74244	38.713	ng		97
66) n-Nitrosodiphenylamine	10.657	169	465562	35.039	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	159457	35.460	ng		98
68) Hexachlorobenzene	11.104	284	169525	36.068	ng		97
69) Atrazine	11.180	200	138297	37.754	ng		99
70) Pentachlorophenol	11.292	266	145865	52.772	ng		98
71) Phenanthrene	11.510	178	707168	35.296	ng		100
72) Anthracene	11.563	178	721846	35.326	ng		100
73) Carbazole	11.716	167	635252	35.603	ng		100
74) Di-n-butylphthalate	12.039	149	753299	37.312	ng		100
75) Fluoranthene	12.704	202	669955	36.431	ng		99
77) Benzidine	12.816	184	307417	36.483	ng		98
78) Pyrene	12.933	202	661688	35.449	ng		99
80) Butylbenzylphthalate	13.539	149	242957	42.507	ng		99
81) Benzo(a)anthracene	14.116	228	549044	37.496	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	185482	38.007	ng		100
83) Chrysene	14.157	228	463660	35.219	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	329547	38.092	ng		99
85) Di-n-octyl phthalate	14.715	149	566613	36.132	ng		99
87) Indeno(1,2,3-cd)pyrene	17.180	276	643679	36.678	ng		97
88) Benzo(b)fluoranthene	15.192	252	528361	34.750	ng		99
89) Benzo(k)fluoranthene	15.221	252	485473	35.781	ng		99
90) Benzo(a)pyrene	15.568	252	497327	35.501	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	518967	36.331	ng		99
92) Benzo(g,h,i)perylene	17.651	276	514198	37.213	ng		97

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

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