Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143003.D
Acq On : 07 Jul 2025 12:12
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 07 13:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	66299	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	250576	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	128386	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	196682	20.000	ng		0.00
76) Chrysene-d12	14.057	240	115356	20.000	ng		0.00
86) Perylene-d12	15.551	264	146144	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	307448	77.207	ng		0.00
7) Phenol-d6	6.510	99	361466	76.939	ng		0.00
23) Nitrobenzene-d5	7.445	82	385910	84.475	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	95878	72.570	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	821191	84.026	ng		0.00
79) Terphenyl-d14	12.992	244	608057	72.831	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	56991	35.782	ng		98
3) Pyridine	3.393	79	146566	36.706	ng		98
4) n-Nitrosodimethylamine	3.346	42	74697	36.176	ng		99
6) Aniline	6.539	93	237976	38.069	ng	#	91
8) 2-Chlorophenol	6.663	128	164969	38.405	ng		98
9) Benzaldehyde	6.428	77	118926	42.667	ng		99
10) Phenol	6.528	94	200512	38.395	ng		79
11) bis(2-Chloroethyl)ether	6.610	93	143962	38.570	ng		99
12) 1,3-Dichlorobenzene	6.816	146	186294	38.778	ng		99
13) 1,4-Dichlorobenzene	6.892	146	190051	39.211	ng		99
14) 1,2-Dichlorobenzene	7.045	146	178538	38.836	ng		99
15) Benzyl Alcohol	7.022	79	133701	39.365	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	218081	36.367	ng		90
17) 2-Methylphenol	7.134	107	129791	39.871	ng		97
18) Hexachloroethane	7.386	117	67136	39.601	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	107572	39.369	ng		96
20) 3+4-Methylphenols	7.286	107	162236	39.972	ng		95
22) Acetophenone	7.286	105	217414	39.346	ng		100
24) Nitrobenzene	7.463	77	159724	38.630	ng		98
25) Isophorone	7.698	82	283403	38.672	ng		99
26) 2-Nitrophenol	7.781	139	92413	41.029	ng		97
27) 2,4-Dimethylphenol	7.816	122	150356m	38.538	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	184372	39.573	ng		99
29) 2,4-Dichlorophenol	8.022	162	139097	39.320	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	153647	39.498	ng		99
31) Naphthalene	8.186	128	482441	39.334	ng		100
32) Benzoic acid	7.933	122	68529	34.462	ng		96
33) 4-Chloroaniline	8.233	127	185501	37.195	ng		99
34) Hexachlorobutadiene	8.298	225	95769	40.249	ng		100
35) Caprolactam	8.604	113	35981	38.545	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	138376	39.359	ng		99
37) 2-Methylnaphthalene	8.875	142	297088	39.070	ng		99
38) 1-Methylnaphthalene	8.975	142	306180	38.897	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	151986	40.120	ng		99
41) Hexachlorocyclopentadiene	9.028	237	88069	40.967	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	93588	37.913	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97051	37.348	ng	99
46) 1,1'-Biphenyl	9.339	154	397007	39.146	ng	99
47) 2-Chloronaphthalene	9.369	162	297910	39.144	ng	99
48) 2-Nitroaniline	9.463	65	82602	38.713	ng	97
49) Acenaphthylene	9.780	152	489067	39.035	ng	99
50) Dimethylphthalate	9.639	163	321177	38.647	ng	99
51) 2,6-Dinitrotoluene	9.704	165	70859	38.826	ng	99
52) Acenaphthene	9.951	154	306426m	40.086	ng	
53) 3-Nitroaniline	9.875	138	76148	37.896	ng	98
54) 2,4-Dinitrophenol	9.992	184	43433	47.528	ng	97
55) Dibenzofuran	10.127	168	422464	38.541	ng	99
56) 4-Nitrophenol	10.045	139	53076	38.583	ng	99
57) 2,4-Dinitrotoluene	10.110	165	92551	38.178	ng	95
58) Fluorene	10.469	166	327065	38.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	75288	35.944	ng	94
60) Diethylphthalate	10.333	149	313222	38.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	158156	38.716	ng	99
62) 4-Nitroaniline	10.486	138	68055	37.032	ng	97
63) Azobenzene	10.616	77	275193	37.788	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	47520	39.944	ng	99
66) n-Nitrosodiphenylamine	10.574	169	276920	40.625	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	91397	40.831	ng	99
68) Hexachlorobenzene	11.022	284	100307	40.328	ng	97
69) Atrazine	11.104	200	72466	41.168	ng	99
70) Pentachlorophenol	11.222	266	56387	45.495	ng	98
71) Phenanthrene	11.433	178	413131	38.776	ng	99
72) Anthracene	11.486	178	425385	38.930	ng	99
73) Carbazole	11.639	167	349364	37.050	ng	100
74) Di-n-butylphthalate	11.963	149	397485	40.464	ng	99
75) Fluoranthene	12.627	202	367194	36.315	ng	99
77) Benzidine	12.745	184	196199	45.269	ng	100
78) Pyrene	12.857	202	411055	38.016	ng	99
80) Butylbenzylphthalate	13.463	149	138872	44.276	ng	99
81) Benzo(a)anthracene	14.045	228	304337	39.108	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	110843	43.913	ng	99
83) Chrysene	14.080	228	280610	40.410	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	212032	46.985	ng	99
85) Di-n-octyl phthalate	14.639	149	393425	46.235	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	390002	35.035	ng	98
88) Benzo(b)fluoranthene	15.109	252	347540	41.097	ng	100
89) Benzo(k)fluoranthene	15.139	252	292264	36.941	ng	99
90) Benzo(a)pyrene	15.492	252	321220	39.319	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	321404	35.535	ng	98
92) Benzo(g,h,i)perylene	17.539	276	305022	33.820	ng	98

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

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