Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
Data File : BF143974.D
Acq On : 16 Oct 2025 11:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 16 14:39:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	143427	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	517416	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	257486	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	430751	20.000	ng	0.00
76) Chrysene-d12	14.069	240	239980	20.000	ng	0.00
86) Perylene-d12	15.551	264	254300	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	747354	82.745	ng	0.00
7) Phenol-d6	6.510	99	866591	80.495	ng	0.00
23) Nitrobenzene-d5	7.451	82	734656	86.263	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	212544	82.876	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1204634	74.235	ng	0.00
79) Terphenyl-d14	13.004	244	1239509	88.275	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	178939	42.813	ng	95
3) Pyridine	3.404	79	517657	42.545	ng	97
4) n-Nitrosodimethylamine	3.357	42	260704	40.731	ng	94
6) Aniline	6.545	93	624155	38.690	ng	94
8) 2-Chlorophenol	6.669	128	373843	42.344	ng	98
9) Benzaldehyde	6.434	77	348971	42.021	ng	98
10) Phenol	6.528	94	542294	42.134	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	405839	40.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	425668	40.278	ng	99
13) 1,4-Dichlorobenzene	6.904	146	418749	40.169	ng	99
14) 1,2-Dichlorobenzene	7.057	146	407966	40.857	ng	99
15) Benzyl Alcohol	7.028	79	318341	39.466	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	881056	38.931	ng	99
17) 2-Methylphenol	7.134	107	283476	38.851	ng	98
18) Hexachloroethane	7.398	117	145379	41.817	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	245509	33.316	ng	99
20) 3+4-Methylphenols	7.287	107	308251	36.451	ng	91
22) Acetophenone	7.298	105	407083	37.209	ng	99
24) Nitrobenzene	7.469	77	408502	43.193	ng	97
25) Isophorone	7.704	82	662562	36.896	ng	99
26) 2-Nitrophenol	7.781	139	190254	46.921	ng	97
27) 2,4-Dimethylphenol	7.816	122	288810	39.596	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	426497	37.599	ng	98
29) 2,4-Dichlorophenol	8.022	162	305533	40.214	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	316962	42.419	ng	99
31) Naphthalene	8.192	128	937169	39.817	ng	100
32) Benzoic acid	7.934	122	186674	36.980	ng	94
33) 4-Chloroaniline	8.239	127	342495	38.799	ng	97
34) Hexachlorobutadiene	8.304	225	218591	42.098	ng	99
35) Caprolactam	8.616	113	87255	36.119	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	270062	37.004	ng	98
37) 2-Methylnaphthalene	8.881	142	580231	37.008	ng	100
38) 1-Methylnaphthalene	8.981	142	541987	35.639	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	303111	42.592	ng	97
41) Hexachlorocyclopentadiene	9.034	237	110314	37.365	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	223945	43.068	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226419	41.205	ng		99
46) 1,1'-Biphenyl	9.345	154	687536	40.330	ng		99
47) 2-Chloronaphthalene	9.369	162	585397	41.185	ng		98
48) 2-Nitroaniline	9.463	65	203892	45.372	ng		100
49) Acenaphthylene	9.786	152	805251	40.298	ng		100
50) Dimethylphthalate	9.639	163	664508	40.639	ng		100
51) 2,6-Dinitrotoluene	9.704	165	140806	46.439	ng		99
52) Acenaphthene	9.957	154	519654	39.687	ng		98
53) 3-Nitroaniline	9.881	138	162922	43.883	ng		97
54) 2,4-Dinitrophenol	9.986	184	70620	41.424	ng	#	90
55) Dibenzofuran	10.133	168	737486	39.900	ng		98
56) 4-Nitrophenol	10.033	139	107316	38.176	ng		97
57) 2,4-Dinitrotoluene	10.110	165	191863	46.507	ng		99
58) Fluorene	10.475	166	549056	39.368	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	164021	42.168	ng	#	95
60) Diethylphthalate	10.345	149	609840	40.146	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	292346	39.647	ng		99
62) 4-Nitroaniline	10.492	138	153494	42.994	ng		94
63) Azobenzene	10.628	77	630902	39.739	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	108965	50.339	ng		97
66) n-Nitrosodiphenylamine	10.586	169	547504	40.480	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	196827	41.346	ng		98
68) Hexachlorobenzene	11.028	284	223266	40.511	ng		98
69) Atrazine	11.110	200	163899	39.981	ng		100
70) Pentachlorophenol	11.222	266	118820	37.539	ng		98
71) Phenanthrene	11.439	178	823701	39.444	ng		100
72) Anthracene	11.492	178	843299	39.973	ng		99
73) Carbazole	11.651	167	740600	39.637	ng		98
74) Di-n-butylphthalate	11.975	149	895303	41.344	ng		100
75) Fluoranthene	12.633	202	844671	39.159	ng		99
77) Benzidine	12.757	184	278037	33.367	ng		98
78) Pyrene	12.863	202	864452	43.208	ng		100
80) Butylbenzylphthalate	13.480	149	297999	45.863	ng		100
81) Benzo(a)anthracene	14.057	228	678597	43.211	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	204087	42.643	ng		99
83) Chrysene	14.092	228	609716	41.949	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	354855	45.306	ng		99
85) Di-n-octyl phthalate	14.657	149	591519	45.981	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	757910	48.640	ng		98
88) Benzo(b)fluoranthene	15.115	252	563880	38.601	ng		98
89) Benzo(k)fluoranthene	15.145	252	556083	41.140	ng		98
90) Benzo(a)pyrene	15.486	252	519768	41.035	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	614248	49.014	ng		99
92) Benzo(g,h,i)perylene	17.515	276	619679	49.447	ng		97

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

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