Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143820.D
Acq On : 29 Sep 2025 11:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	142387	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	519222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254612	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385063	20.000	ng	0.00
76) Chrysene-d12	14.057	240	381857	20.000	ng	0.00
86) Perylene-d12	15.533	264	549227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	721866	82.368	ng	0.00
7) Phenol-d6	6.504	99	842312	83.182	ng	0.00
23) Nitrobenzene-d5	7.446	82	616729	72.707	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265164	70.336	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1365791	83.708	ng	0.00
79) Terphenyl-d14	12.998	244	1692203	90.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	173701	41.409	ng	97
3) Pyridine	3.405	79	469730	41.484	ng	95
4) n-Nitrosodimethylamine	3.346	42	215698	37.991	ng	94
6) Aniline	6.546	93	600314	40.846	ng	100
8) 2-Chlorophenol	6.669	128	362598	40.415	ng	99
9) Benzaldehyde	6.440	77	350272	39.500	ng	96
10) Phenol	6.522	94	512090	43.508	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	383720	41.590	ng	97
12) 1,3-Dichlorobenzene	6.828	146	428392	41.124	ng	99
13) 1,4-Dichlorobenzene	6.904	146	425812	40.960	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409712	41.612	ng	100
15) Benzyl Alcohol	7.022	79	307991	42.094	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	804325	36.764	ng	97
17) 2-Methylphenol	7.128	107	290425	41.812	ng	100
18) Hexachloroethane	7.398	117	143745	39.318	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	256574	39.402	ng	93
20) 3+4-Methylphenols	7.281	107	354544	41.914	ng	98
22) Acetophenone	7.293	105	456623	40.040	ng	99
24) Nitrobenzene	7.469	77	351247	37.358	ng	99
25) Isophorone	7.704	82	680521	41.170	ng	98
26) 2-Nitrophenol	7.781	139	125851	33.474	ng	97
27) 2,4-Dimethylphenol	7.816	122	302592	40.957	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	443990	41.343	ng	100
29) 2,4-Dichlorophenol	8.022	162	299765	41.235	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	315036	41.758	ng	100
31) Naphthalene	8.193	128	1014518	40.816	ng	100
32) Benzoic acid	7.898	122	105865	29.699	ng	97
33) 4-Chloroaniline	8.234	127	370768	42.447	ng	99
34) Hexachlorobutadiene	8.310	225	232532	41.346	ng	100
35) Caprolactam	8.592	113	74990	40.358	ng	90
36) 4-Chloro-3-methylphenol	8.710	107	284713	41.759	ng	99
37) 2-Methylnaphthalene	8.881	142	657590	41.490	ng	99
38) 1-Methylnaphthalene	8.981	142	628951	41.459	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	325172	42.319	ng	99
41) Hexachlorocyclopentadiene	9.034	237	190936	39.209	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	207592	43.147	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	208615	41.453	ng		99
46) 1,1'-Biphenyl	9.345	154	760667	41.272	ng		99
47) 2-Chloronaphthalene	9.369	162	612067	41.256	ng		99
48) 2-Nitroaniline	9.463	65	162860	36.321	ng		100
49) Acenaphthylene	9.787	152	851325	41.683	ng		100
50) Dimethylphthalate	9.639	163	639197	41.189	ng		100
51) 2,6-Dinitrotoluene	9.704	165	89062	34.930	ng		98
52) Acenaphthene	9.957	154	557843	41.506	ng		99
53) 3-Nitroaniline	9.869	138	120180	38.886	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	29193	38.564	ng		96
55) Dibenzofuran	10.128	168	794833	41.821	ng		100
56) 4-Nitrophenol	10.022	139	83722	33.617	ng		94
57) 2,4-Dinitrotoluene	10.104	165	118219	32.257	ng		98
58) Fluorene	10.475	166	580722	41.101	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	182161	42.253	ng		97
60) Diethylphthalate	10.345	149	594477	40.923	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	303723	42.189	ng		99
62) 4-Nitroaniline	10.481	138	110662	38.081	ng		99
63) Azobenzene	10.628	77	619459	40.461	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	46110	35.769	ng		90
66) n-Nitrosodiphenylamine	10.581	169	537294	42.429	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	284323	43.328	ng		99
68) Hexachlorobenzene	11.022	284	379870	42.006	ng		100
69) Atrazine	11.104	200	153318	41.809	ng		98
70) Pentachlorophenol	11.210	266	183186	40.694	ng		99
71) Phenanthrene	11.433	178	825393	41.752	ng		99
72) Anthracene	11.486	178	829935	41.853	ng		99
73) Carbazole	11.639	167	713506	41.153	ng		100
74) Di-n-butylphthalate	11.975	149	815032	40.875	ng		100
75) Fluoranthene	12.628	202	818940	41.187	ng		99
77) Benzidine	12.745	184	395043	42.455	ng		99
78) Pyrene	12.857	202	849860	45.269	ng		100
80) Butylbenzylphthalate	13.475	149	293145	45.133	ng		97
81) Benzo(a)anthracene	14.045	228	866626	42.245	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	377741	42.504	ng		99
83) Chrysene	14.080	228	813944	43.849	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	402259	42.252	ng		99
85) Di-n-octyl phthalate	14.651	149	704048	40.768	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1840484	44.166	ng		99
88) Benzo(b)fluoranthene	15.098	252	1266584	45.285	ng		100
89) Benzo(k)fluoranthene	15.127	252	1101605	39.203	ng		100
90) Benzo(a)pyrene	15.474	252	1133843	43.127	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1504266	44.134	ng		100
92) Benzo(g,h,i)perylene	17.486	276	1471144	44.776	ng		100

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

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