Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143793.D
Acq On : 23 Sep 2025 11:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Sep 23 17:06:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132313	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	488285	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	239396	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375125	20.000	ng	0.00
76) Chrysene-d12	14.051	240	430577	20.000	ng	-0.01
86) Perylene-d12	15.533	264	582350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	166482	20.250	ng	-0.01
7) Phenol-d6	6.493	99	199435	20.556	ng	-0.02
23) Nitrobenzene-d5	7.440	82	150816	19.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	72517	21.225	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	353299	21.809	ng	0.00
79) Terphenyl-d14	12.998	244	449442	20.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	38037	9.758	ng	97
3) Pyridine	3.410	79	100675	9.568	ng	99
4) n-Nitrosodimethylamine	3.334	42	49199	9.325	ng	97
6) Aniline	6.545	93	140265	10.271	ng	98
8) 2-Chlorophenol	6.663	128	82971	9.952	ng	99
9) Benzaldehyde	6.434	77	70550	8.562	ng	99
10) Phenol	6.510	94	113001	10.332	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	87384	10.192	ng	97
12) 1,3-Dichlorobenzene	6.828	146	98776	10.204	ng	99
13) 1,4-Dichlorobenzene	6.904	146	99003	10.249	ng	99
14) 1,2-Dichlorobenzene	7.057	146	93067	10.172	ng	99
15) Benzyl Alcohol	7.016	79	67639	9.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	207456	10.204	ng	99
17) 2-Methylphenol	7.122	107	65621	10.167	ng	99
18) Hexachloroethane	7.398	117	33843	9.962	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	61660	10.190	ng	99
20) 3+4-Methylphenols	7.275	107	84574	10.760	ng	96
22) Acetophenone	7.287	105	113726	10.604	ng	99
24) Nitrobenzene	7.463	77	86488	9.782	ng	98
25) Isophorone	7.698	82	155268	9.989	ng	99
26) 2-Nitrophenol	7.781	139	25281	9.284	ng	99
27) 2,4-Dimethylphenol	7.810	122	68320	9.833	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	104902	10.387	ng	99
29) 2,4-Dichlorophenol	8.016	162	69731	10.200	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	70340	9.914	ng	97
31) Naphthalene	8.187	128	249230	10.662	ng	99
32) Benzoic acid	7.875	122	30248	9.023	ng	97
33) 4-Chloroaniline	8.234	127	84740	10.316	ng	99
34) Hexachlorobutadiene	8.310	225	53434	10.103	ng	98
35) Caprolactam	8.563	113	16062	9.192	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	63361	9.882	ng	97
37) 2-Methylnaphthalene	8.881	142	158654	10.644	ng	99
38) 1-Methylnaphthalene	8.981	142	150831	10.572	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	75923	10.509	ng	100
41) Hexachlorocyclopentadiene	9.034	237	40258	8.792	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	42859	9.474	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	46791	9.889	ng		98
46)	1,1'-Biphenyl	9.345	154	184443	10.644	ng		98
47)	2-Chloronaphthalene	9.369	162	146409	10.496	ng		100
48)	2-Nitroaniline	9.457	65	36451	8.646	ng		93
49)	Acenaphthylene	9.781	152	198522	10.338	ng		100
50)	Dimethylphthalate	9.633	163	147631	10.118	ng		100
51)	2,6-Dinitrotoluene	9.698	165	19239	8.025	ng		90
52)	Acenaphthene	9.957	154	134197	10.619	ng		99
53)	3-Nitroaniline	9.869	138	25136	8.650	ng	#	96
54)	2,4-Dinitrophenol	9.969	184	6231	11.233	ng	#	1
55)	Dibenzofuran	10.128	168	185710	10.393	ng		100
56)	4-Nitrophenol	10.016	139	23569	10.065	ng		98
57)	2,4-Dinitrotoluene	10.098	165	25096	9.543	ng		94
58)	Fluorene	10.469	166	144778	10.898	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.239	232	36970	9.120	ng		100
60)	Diethylphthalate	10.339	149	140054	10.254	ng		98
61)	4-Chlorophenyl-phenyle...	10.463	204	70883	10.472	ng		99
62)	4-Nitroaniline	10.475	138	24435	8.943	ng		98
63)	Azobenzene	10.622	77	146130	10.152	ng		99
65)	4,6-Dinitro-2-methylph...	10.504	198	8417	10.867	ng		98
66)	n-Nitrosodiphenylamine	10.580	169	126584	10.261	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	62547	9.784	ng		99
68)	Hexachlorobenzene	11.016	284	88177	10.009	ng		98
69)	Atrazine	11.104	200	35762	10.010	ng		97
70)	Pentachlorophenol	11.210	266	33783	7.704	ng		98
71)	Phenanthrene	11.433	178	200025	10.386	ng		99
72)	Anthracene	11.486	178	200505	10.379	ng		97
73)	Carbazole	11.639	167	174601	10.337	ng		98
74)	Di-n-butylphthalate	11.975	149	189120	9.736	ng		99
75)	Fluoranthene	12.627	202	196207	10.129	ng		100
77)	Benzidine	12.751	184	94401	8.997	ng		99
78)	Pyrene	12.857	202	211336	9.983	ng		99
80)	Butylbenzylphthalate	13.474	149	64090	8.751	ng		99
81)	Benzo(a)anthracene	14.045	228	232722	10.061	ng		99
82)	3,3'-Dichlorobenzidine	14.010	252	91789	9.160	ng		99
83)	Chrysene	14.080	228	212098	10.133	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	102600	9.557	ng		98
85)	Di-n-octyl phthalate	14.651	149	165178	8.482	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.021	276	415337	9.400	ng		99
88)	Benzo(b)fluoranthene	15.098	252	292308	9.857	ng		99
89)	Benzo(k)fluoranthene	15.127	252	292238	9.808	ng		99
90)	Benzo(a)pyrene	15.468	252	267775	9.606	ng		99
91)	Dibenzo(a,h)anthracene	17.039	278	345636	9.564	ng		98
92)	Benzo(g,h,i)perylene	17.468	276	324982	9.329	ng		99

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

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