Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143666.D
Acq On : 08 Sep 2025 15:53
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 09 04:46:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 04:44:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	64269	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	244150	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	142951	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	243357	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174646	20.000	ng	0.00
86) Perylene-d12	15.515	264	134715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	37417	10.064	ng	0.00
7) Phenol-d6	6.492	99	45930	10.123	ng	-0.02
23) Nitrobenzene-d5	7.445	82	37304	9.513	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	14026	9.678	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	98992	10.798	ng	0.00
79) Terphenyl-d14	12.992	244	113659	10.668	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	9097	5.461	ng	97
3) Pyridine	3.451	79	20438	4.737	ng	90
6) Aniline	6.545	93	30308	4.969	ng	99
8) 2-Chlorophenol	6.669	128	19717	4.881	ng	98
10) Phenol	6.510	94	25077	4.879	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	18861	5.011	ng	97
12) 1,3-Dichlorobenzene	6.828	146	23786	5.111	ng	96
13) 1,4-Dichlorobenzene	6.904	146	24439	5.240	ng	98
14) 1,2-Dichlorobenzene	7.057	146	22398	5.102	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	25923	5.128	ng	98
17) 2-Methylphenol	7.122	107	16585	4.995	ng	98
18) Hexachloroethane	7.404	117	7828	5.156	ng	93
19) n-Nitroso-di-n-propyla...	7.286	70	14362	5.068	ng	98
22) Acetophenone	7.286	105	29633	5.402	ng	97
24) Nitrobenzene	7.463	77	19982	4.951	ng	97
25) Isophorone	7.698	82	38638	5.084	ng	98
26) 2-Nitrophenol	7.781	139	7883	4.059	ng	98
27) 2,4-Dimethylphenol	7.810	122	18271	5.129	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	23634	5.090	ng	99
29) 2,4-Dichlorophenol	8.016	162	17886	4.982	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	19049	5.124	ng	97
31) Naphthalene	8.192	128	63399	5.280	ng	98
33) 4-Chloroaniline	8.233	127	22197	5.273	ng	97
34) Hexachlorobutadiene	8.310	225	12796	5.241	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	17682	4.909	ng	98
37) 2-Methylnaphthalene	8.880	142	45077	5.453	ng	97
38) 1-Methylnaphthalene	8.980	142	42617	5.384	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	21333	5.266	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	12959	4.821	ng	98
44) 2,4,5-Trichlorophenol	9.186	196	13406	4.861	ng	97
46) 1,1'-Biphenyl	9.345	154	55119	5.357	ng	98
47) 2-Chloronaphthalene	9.369	162	41366	5.174	ng	99
48) 2-Nitroaniline	9.457	65	9555	4.387	ng	96
49) Acenaphthylene	9.780	152	61056	5.340	ng	97
50) Dimethylphthalate	9.633	163	48404	5.172	ng	99
51) 2,6-Dinitrotoluene	9.698	165	7240	4.050	ng	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	9.957	154	41300	5.230	ng		99
53)	3-Nitroaniline	9.863	138	8571	4.490	ng		93
55)	Dibenzofuran	10.127	168	61212	5.409	ng		100
57)	2,4-Dinitrotoluene	10.098	165	9719	4.103	ng		99
58)	Fluorene	10.469	166	48656	5.486	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	10556	4.670	ng	#	99
60)	Diethylphthalate	10.339	149	46607	5.288	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	23686	5.289	ng		96
62)	4-Nitroaniline	10.469	138	8341	4.540	ng		98
63)	Azobenzene	10.621	77	40227	5.189	ng		98
66)	n-Nitrosodiphenylamine	10.574	169	39996	5.046	ng		98
67)	4-Bromophenyl-phenylether	10.951	248	14875	5.110	ng		97
68)	Hexachlorobenzene	11.016	284	15293	5.030	ng		96
69)	Atrazine	11.098	200	12813	4.994	ng		96
71)	Phenanthrene	11.433	178	71787	5.391	ng		99
72)	Anthracene	11.480	178	72404	5.388	ng		98
73)	Carbazole	11.633	167	62115	5.524	ng		99
74)	Di-n-butylphthalate	11.968	149	68071	5.031	ng		100
75)	Fluoranthene	12.616	202	69642	5.647	ng		99
78)	Pyrene	12.845	202	72633	5.180	ng		100
80)	Butylbenzylphthalate	13.468	149	18344	4.144	ng		98
81)	Benzo(a)anthracene	14.033	228	56362	5.048	ng		99
83)	Chrysene	14.068	228	51626	5.072	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.027	149	22854	3.835	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.992	276	40605	4.469	ng		98
88)	Benzo(b)fluoranthene	15.080	252	42499	5.174	ng		99
89)	Benzo(k)fluoranthene	15.109	252	37308	5.177	ng		98
90)	Benzo(a)pyrene	15.451	252	34177	4.851	ng		99
91)	Dibenzo(a,h)anthracene	17.015	278	34374	4.566	ng		97
92)	Benzo(g,h,i)perylene	17.439	276	33018	4.637	ng		99

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

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