Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143484.D
Acq On : 20 Aug 2025 14:20
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 20 16:23:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	125123	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	471095	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	252899	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	380140	20.000	ng		0.00
76) Chrysene-d12	14.104	240	250059	20.000	ng		0.00
86) Perylene-d12	15.598	264	296923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1062268	148.245	ng		0.00
7) Phenol-d6	6.575	99	1300018	146.969	ng		0.00
23) Nitrobenzene-d5	7.498	82	1224256	151.649	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	358471	152.274	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2022059	132.140	ng		0.00
79) Terphenyl-d14	13.039	244	1808474	126.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	261319	78.723	ng		99
3) Pyridine	3.516	79	711417	80.466	ng		98
4) n-Nitrosodimethylamine	3.475	42	324491	81.643	ng		98
6) Aniline	6.593	93	857604	72.534	ng	#	69
8) 2-Chlorophenol	6.722	128	601470	75.996	ng		99
10) Phenol	6.587	94	725059	71.153	ng		89
11) bis(2-Chloroethyl)ether	6.663	93	578357	75.951	ng		99
12) 1,3-Dichlorobenzene	6.875	146	659299	74.140	ng		100
13) 1,4-Dichlorobenzene	6.945	146	652783	73.180	ng		99
14) 1,2-Dichlorobenzene	7.098	146	617296	73.091	ng		99
15) Benzyl Alcohol	7.075	79	521147	78.692	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	852253	69.956	ng		82
17) 2-Methylphenol	7.187	107	480610	75.661	ng		98
18) Hexachloroethane	7.445	117	228092	75.207	ng		95
19) n-Nitroso-di-n-propyla...	7.351	70	391129	72.344	ng		99
20) 3+4-Methylphenols	7.340	107	538601	71.028	ng		97
22) Acetophenone	7.340	105	720554	70.797	ng	#	98
24) Nitrobenzene	7.516	77	634384	76.350	ng		99
25) Isophorone	7.757	82	1136551	76.802	ng		99
26) 2-Nitrophenol	7.828	139	326185	80.143	ng		99
27) 2,4-Dimethylphenol	7.869	122	473860	74.687	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	673547	74.061	ng		100
29) 2,4-Dichlorophenol	8.075	162	501321	73.984	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	515561	74.002	ng		99
31) Naphthalene	8.234	128	1619392	71.600	ng		99
32) Benzoic acid	8.010	122	302185	79.400	ng		99
33) 4-Chloroaniline	8.281	127	593863	73.979	ng		99
34) Hexachlorobutadiene	8.351	225	333754	73.429	ng		99
35) Caprolactam	8.675	113	136369	83.868	ng		99
36) 4-Chloro-3-methylphenol	8.769	107	507643	74.756	ng		99
37) 2-Methylnaphthalene	8.928	142	1059150	70.116	ng		100
38) 1-Methylnaphthalene	9.028	142	1018285	70.472	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	523305	72.341	ng		99
41) Hexachlorocyclopentadiene	9.081	237	224318	79.823	ng		100
43) 2,4,6-Trichlorophenol	9.204	196	342710	76.993	ng		100
44) 2,4,5-Trichlorophenol	9.251	196	369517	75.999	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	9.392	154	1261514	70.278	ng	100
47)	2-Chloronaphthalene	9.416	162	1020070	72.427	ng	99
48)	2-Nitroaniline	9.510	65	323688	78.529	ng	97
49)	Acenaphthylene	9.828	152	1453334	72.067	ng	99
50)	Dimethylphthalate	9.681	163	1146434	75.267	ng	100
51)	2,6-Dinitrotoluene	9.751	165	254308	80.559	ng	99
52)	Acenaphthene	10.004	154	996259	72.761	ng	100
53)	3-Nitroaniline	9.922	138	272588	79.912	ng	99
54)	2,4-Dinitrophenol	10.028	184	130385	77.416	ng	97
55)	Dibenzofuran	10.175	168	1396682	71.547	ng	99
56)	4-Nitrophenol	10.086	139	183388	90.356	ng	97
57)	2,4-Dinitrotoluene	10.157	165	339818	80.619	ng	99
58)	Fluorene	10.522	166	1036620	68.995	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.298	232	291172	80.607	ng	100
60)	Diethylphthalate	10.386	149	1019464	74.653	ng	100
61)	4-Chlorophenyl-phenyle...	10.504	204	532970	70.930	ng	100
62)	4-Nitroaniline	10.539	138	253207	80.815	ng	97
63)	Azobenzene	10.669	77	1029397	72.699	ng	99
65)	4,6-Dinitro-2-methylph...	10.569	198	190849	89.041	ng	99
66)	n-Nitrosodiphenylamine	10.628	169	896806	73.307	ng	99
67)	4-Bromophenyl-phenylether	10.998	248	344616	75.979	ng	98
68)	Hexachlorobenzene	11.075	284	369632	75.603	ng	98
69)	Atrazine	11.151	200	267710	84.774	ng	98
70)	Pentachlorophenol	11.269	266	198658	88.721	ng	100
71)	Phenanthrene	11.480	178	1473414	72.378	ng	100
72)	Anthracene	11.533	178	1489612	72.232	ng	99
73)	Carbazole	11.686	167	1254509	74.240	ng	99
74)	Di-n-butylphthalate	12.010	149	1299399	82.429	ng	99
75)	Fluoranthene	12.674	202	1310616	71.750	ng	99
77)	Benzidine	12.786	184	371810	61.042	ng	100
78)	Pyrene	12.904	202	1327454	64.536	ng	100
80)	Butylbenzylphthalate	13.510	149	484637	86.247	ng	99
81)	Benzo(a)anthracene	14.092	228	1237164	76.847	ng	100
82)	3,3'-Dichlorobenzidine	14.045	252	370170	80.290	ng	99
83)	Chrysene	14.127	228	1114466	77.031	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.069	149	700384	81.836	ng	99
85)	Di-n-octyl phthalate	14.686	149	1227818	77.442	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.139	276	1538560	72.108	ng	100
88)	Benzo(b)fluoranthene	15.157	252	1329385	80.545	ng	99
89)	Benzo(k)fluoranthene	15.192	252	1193283	75.511	ng	99
90)	Benzo(a)pyrene	15.539	252	1200553	78.365	ng	100
91)	Dibenzo(a,h)anthracene	17.157	278	1214959	71.099	ng	100
92)	Benzo(g,h,i)perylene	17.604	276	1233571	72.598	ng	99

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

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