Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143350.D
Acq On : 12 Aug 2025 12:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 12 13:21:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:02:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	161665	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	625065	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	322984	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448378	20.000	ng	0.00
76) Chrysene-d12	14.098	240	287871	20.000	ng	0.00
86) Perylene-d12	15.586	264	348017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1409194	150.735	ng	0.00
7) Phenol-d6	6.569	99	1792088	149.482	ng	0.00
23) Nitrobenzene-d5	7.498	82	1619091	161.306	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	411864	174.486	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2457872	129.045	ng	0.00
79) Terphenyl-d14	13.039	244	1935761	120.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	379076	78.360	ng	99
3) Pyridine	3.534	79	1042960	80.904	ng	98
4) n-Nitrosodimethylamine	3.493	42	494211	82.300	ng	99
6) Aniline	6.598	93	1263279	74.743	ng	95
8) 2-Chlorophenol	6.722	128	793255	79.409	ng	98
10) Phenol	6.586	94	1037512	73.052	ng	76
11) bis(2-Chloroethyl)ether	6.669	93	798392	76.275	ng	100
12) 1,3-Dichlorobenzene	6.875	146	830769	72.101	ng	98
13) 1,4-Dichlorobenzene	6.951	146	837059	72.382	ng	99
14) 1,2-Dichlorobenzene	7.104	146	806180	73.439	ng	100
15) Benzyl Alcohol	7.075	79	697448	81.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1335184	71.450	ng	98
17) 2-Methylphenol	7.186	107	654221	77.585	ng	98
18) Hexachloroethane	7.445	117	286839	79.115	ng	99
19) n-Nitroso-di-n-propyla...	7.351	70	541387	73.083	ng	98
20) 3+4-Methylphenols	7.339	107	727332	71.322	ng	93
22) Acetophenone	7.345	105	952975	69.195	ng	97
24) Nitrobenzene	7.516	77	868093	79.634	ng	99
25) Isophorone	7.757	82	1574935	76.861	ng	99
26) 2-Nitrophenol	7.828	139	376225	83.229	ng	99
27) 2,4-Dimethylphenol	7.869	122	667248	78.052	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	921854	73.686	ng	99
29) 2,4-Dichlorophenol	8.075	162	654545	78.392	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	649172	73.707	ng	99
31) Naphthalene	8.239	128	2098892	69.783	ng	99
32) Benzoic acid	8.004	122	354618	78.960	ng	99
33) 4-Chloroaniline	8.280	127	816103	75.228	ng	99
34) Hexachlorobutadiene	8.357	225	403199	73.592	ng	100
35) Caprolactam	8.669	113	197571	84.172	ng	97
36) 4-Chloro-3-methylphenol	8.769	107	674001	77.000	ng	98
37) 2-Methylnaphthalene	8.927	142	1370352	69.303	ng	99
38) 1-Methylnaphthalene	9.027	142	1328881	69.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	644623	72.936	ng	100
41) Hexachlorocyclopentadiene	9.086	237	259048	82.835	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	437022	87.149	ng	100
44) 2,4,5-Trichlorophenol	9.251	196	466807	82.433	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.392	154	1580379	69.203	ng		99
47)	2-Chloronaphthalene	9.416	162	1295723	72.042	ng		99
48)	2-Nitroaniline	9.510	65	426490	80.247	ng		98
49)	Acenaphthylene	9.833	152	1865988	71.842	ng		100
50)	Dimethylphthalate	9.686	163	1425124	75.513	ng		100
51)	2,6-Dinitrotoluene	9.751	165	294018	80.211	ng		95
52)	Acenaphthene	10.004	154	1221046	70.714	ng		99
53)	3-Nitroaniline	9.922	138	343541	88.887	ng		98
54)	2,4-Dinitrophenol	10.027	184	118753	79.041	ng	#	84
55)	Dibenzofuran	10.174	168	1738835	69.969	ng		98
56)	4-Nitrophenol	10.080	139	245374	79.477	ng		97
57)	2,4-Dinitrotoluene	10.151	165	383533	78.864	ng		97
58)	Fluorene	10.522	166	1273759	67.103	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.292	232	349157	91.466	ng		98
60)	Diethylphthalate	10.386	149	1258798	74.465	ng		99
61)	4-Chlorophenyl-phenyle...	10.510	204	643793	70.191	ng		98
62)	4-Nitroaniline	10.533	138	312667	83.616	ng		98
63)	Azobenzene	10.669	77	1376109	71.269	ng		98
65)	4,6-Dinitro-2-methylph...	10.569	198	162929	83.490	ng		93
66)	n-Nitrosodiphenylamine	10.627	169	1124872	76.190	ng		100
67)	4-Bromophenyl-phenylether	10.998	248	405148	79.007	ng		97
68)	Hexachlorobenzene	11.074	284	431148	78.001	ng		96
69)	Atrazine	11.151	200	309748	80.438	ng		99
70)	Pentachlorophenol	11.263	266	218250	80.616	ng		97
71)	Phenanthrene	11.480	178	1745493	71.351	ng		99
72)	Anthracene	11.533	178	1758274	70.871	ng		100
73)	Carbazole	11.686	167	1479652	70.029	ng		99
74)	Di-n-butylphthalate	12.010	149	1398975	78.244	ng		100
75)	Fluoranthene	12.668	202	1470742	68.634	ng		99
77)	Benzidine	12.786	184	500314	63.571	ng		98
78)	Pyrene	12.898	202	1513789	62.684	ng		99
80)	Butylbenzylphthalate	13.510	149	413801	84.007	ng		98
81)	Benzo(a)anthracene	14.086	228	1387766	75.847	ng		100
82)	3,3'-Dichlorobenzidine	14.045	252	412736	83.540	ng		99
83)	Chrysene	14.121	228	1263816	74.077	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.068	149	611031	83.803	ng		98
85)	Di-n-octyl phthalate	14.680	149	1205873	81.478	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.121	276	1963736	78.760	ng		99
88)	Benzo(b)fluoranthene	15.151	252	1467752	77.108	ng		99
89)	Benzo(k)fluoranthene	15.180	252	1429731	77.299	ng		99
90)	Benzo(a)pyrene	15.527	252	1403212	78.270	ng		99
91)	Dibenzo(a,h)anthracene	17.133	278	1523387	76.479	ng		99
92)	Benzo(g,h,i)perylene	17.580	276	1563773	77.932	ng		99

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

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