Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143587.D
Acq On : 26 Aug 2025 10:08
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 26 16:11:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	127637	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	491820	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	275174	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	444330	20.000	ng		0.00
76) Chrysene-d12	14.051	240	290126	20.000	ng		0.00
86) Perylene-d12	15.527	264	223823	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	156048	20.808	ng		0.00
7) Phenol-d6	6.498	99	193879	20.873	ng		-0.01
23) Nitrobenzene-d5	7.445	82	101569	14.745	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	39255	18.242	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	355018	22.059	ng		0.00
79) Terphenyl-d14	12.998	244	351930	21.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	36931	10.066	ng		99
3) Pyridine	3.446	79	85567	9.288	ng		99
4) n-Nitrosodimethylamine	3.369	42	42685	9.737	ng	#	97
6) Aniline	6.551	93	129915	10.019	ng		99
8) 2-Chlorophenol	6.669	128	80580	10.156	ng		99
9) Benzaldehyde	6.440	77	68610	9.817	ng		100
10) Phenol	6.510	94	107505	10.319	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	83364	10.443	ng		98
12) 1,3-Dichlorobenzene	6.834	146	96108	10.545	ng		98
13) 1,4-Dichlorobenzene	6.910	146	96838	10.538	ng		99
14) 1,2-Dichlorobenzene	7.063	146	90801	10.417	ng		97
15) Benzyl Alcohol	7.022	79	68567	9.850	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	156263	10.605	ng		99
17) 2-Methylphenol	7.128	107	68692	10.199	ng		97
18) Hexachloroethane	7.404	117	28837	9.876	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	60680	10.312	ng		99
20) 3+4-Methylphenols	7.281	107	88613	10.712	ng		90
22) Acetophenone	7.292	105	119142	10.757	ng		99
24) Nitrobenzene	7.463	77	61533	8.332	ng		97
25) Isophorone	7.704	82	162786	10.099	ng		100
26) 2-Nitrophenol	7.787	139	13799	8.999	ng		99
27) 2,4-Dimethylphenol	7.816	122	68857	9.818	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	101030	10.359	ng		98
29) 2,4-Dichlorophenol	8.022	162	65828	9.742	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	73124	10.364	ng		100
31) Naphthalene	8.192	128	253033	10.649	ng		100
32) Benzoic acid	7.869	122	11533	10.497	ng		99
33) 4-Chloroaniline	8.239	127	86526	10.307	ng		98
34) Hexachlorobutadiene	8.316	225	46582	10.478	ng		97
35) Caprolactam	8.569	113	17550	9.142	ng		95
36) 4-Chloro-3-methylphenol	8.704	107	69816	9.882	ng		98
37) 2-Methylnaphthalene	8.886	142	168450	10.734	ng		98
38) 1-Methylnaphthalene	8.981	142	163677	10.807	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	74627	10.426	ng		98
41) Hexachlorocyclopentadiene	9.039	237	27668	7.858	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	44065	9.317	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	44113	9.230	ng		99
46)	1,1'-Biphenyl	9.345	154	205410	10.758	ng		99
47)	2-Chloronaphthalene	9.369	162	159704	10.588	ng		98
48)	2-Nitroaniline	9.463	65	20168	8.688	ng		96
49)	Acenaphthylene	9.786	152	230210	10.490	ng		99
50)	Dimethylphthalate	9.639	163	174143	10.289	ng		98
51)	2,6-Dinitrotoluene	9.704	165	12319	8.683	ng		93
52)	Acenaphthene	9.957	154	151712	10.554	ng		99
53)	3-Nitroaniline	9.869	138	17423	8.829	ng	#	84
54)	2,4-Dinitrophenol	9.969	184	2815	10.793	ng	#	1
55)	Dibenzofuran	10.133	168	224726	10.663	ng		98
56)	4-Nitrophenol	10.010	139	15629	10.297	ng		92
57)	2,4-Dinitrotoluene	10.104	165	16465	8.819	ng		96
58)	Fluorene	10.475	166	174729	11.042	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	30861	8.734	ng	#	98
60)	Diethylphthalate	10.345	149	164893	10.396	ng		100
61)	4-Chlorophenyl-phenyle...	10.469	204	84817	10.960	ng		96
62)	4-Nitroaniline	10.475	138	19692	9.171	ng		91
63)	Azobenzene	10.628	77	168877	10.501	ng		99
65)	4,6-Dinitro-2-methylph...	10.504	198	4554	10.835	ng		79
66)	n-Nitrosodiphenylamine	10.580	169	147463	10.434	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	48723	10.138	ng		95
68)	Hexachlorobenzene	11.022	284	53046	10.319	ng		98
69)	Atrazine	11.104	200	40951	10.080	ng		96
70)	Pentachlorophenol	11.210	266	22523	7.668	ng		99
71)	Phenanthrene	11.439	178	258097	10.849	ng		99
72)	Anthracene	11.486	178	259415	10.820	ng		99
73)	Carbazole	11.639	167	226326	10.921	ng		99
74)	Di-n-butylphthalate	11.974	149	215157	10.193	ng		99
75)	Fluoranthene	12.621	202	244534	11.257	ng		99
77)	Benzidine	12.745	184	86805	12.632	ng		100
78)	Pyrene	12.851	202	256479	10.563	ng		99
80)	Butylbenzylphthalate	13.474	149	39991	9.054	ng		99
81)	Benzo(a)anthracene	14.039	228	185114	10.142	ng		98
82)	3,3'-Dichlorobenzidine	14.004	252	39296	8.030	ng		98
83)	Chrysene	14.074	228	170363	10.015	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	57632	9.290	ng		100
85)	Di-n-octyl phthalate	14.651	149	81881	10.276	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.009	276	147309	9.673	ng		99
88)	Benzo(b)fluoranthene	15.092	252	135213	10.573	ng		98
89)	Benzo(k)fluoranthene	15.115	252	126261	10.559	ng		98
90)	Benzo(a)pyrene	15.462	252	111234	9.844	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	122340	9.816	ng		98
92)	Benzo(g,h,i)perylene	17.456	276	119872	9.715	ng		99

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

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