Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144131.D
Acq On : 29 Oct 2025 16:32
Operator : RC/JU
Sample : Q3469-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

Quant Time: Oct 29 16:54:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	55386	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	217401	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	121422	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	206304	20.000	ng		0.00
76) Chrysene-d12	14.057	240	148079	20.000	ng		0.00
86) Perylene-d12	15.539	264	188765	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	321907	91.953	ng		0.00
7) Phenol-d6	6.504	99	359560	93.000	ng		0.00
23) Nitrobenzene-d5	7.439	82	238989	60.227	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	141040	91.189	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	514348	59.610	ng		0.00
79) Terphenyl-d14	12.992	244	503677	59.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	68318	45.161	ng		96
3) Pyridine	3.457	79	187144	46.209	ng		100
4) n-Nitrosodimethylamine	3.404	42	119949	48.200	ng		93
6) Aniline	6.539	93	176110	31.840	ng		99
8) 2-Chlorophenol	6.663	128	171396	49.715	ng		99
9) Benzaldehyde	6.428	77	82600	27.517	ng		96
10) Phenol	6.522	94	238796	50.064	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	179946	52.209	ng		98
12) 1,3-Dichlorobenzene	6.816	146	216325	50.867	ng		100
13) 1,4-Dichlorobenzene	6.892	146	220777	52.677	ng		99
14) 1,2-Dichlorobenzene	7.045	146	209424	51.642	ng		99
15) Benzyl Alcohol	7.016	79	173624	55.229	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	340455	52.558	ng		99
17) 2-Methylphenol	7.128	107	140717	53.069	ng		94
18) Hexachloroethane	7.386	117	71458	47.689	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	134760	53.901	ng		95
20) 3+4-Methylphenols	7.281	107	161500	51.522	ng	#	87
22) Acetophenone	7.286	105	260801	55.510	ng		95
24) Nitrobenzene	7.457	77	206008	49.077	ng		99
25) Isophorone	7.698	82	358096	51.618	ng		99
26) 2-Nitrophenol	7.775	139	102324	51.241	ng		93
27) 2,4-Dimethylphenol	7.810	122	163956	55.250	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	223448	51.648	ng		99
29) 2,4-Dichlorophenol	8.016	162	169375	49.080	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	179782	50.639	ng		100
31) Naphthalene	8.181	128	491660	47.917	ng		99
32) Benzoic acid	7.933	122	112668	59.856	ng		87
33) 4-Chloroaniline	8.233	127	50260	14.071	ng		97
34) Hexachlorobutadiene	8.298	225	132792	45.743	ng		100
35) Caprolactam	8.598	113	50533m	58.393	ng		
36) 4-Chloro-3-methylphenol	8.716	107	161197	52.931	ng		96
37) 2-Methylnaphthalene	8.875	142	317964	47.001	ng		99
38) 1-Methylnaphthalene	8.975	142	310373	48.426	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	210898	50.538	ng		98
41) Hexachlorocyclopentadiene	9.028	237	155867	120.930	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	134463	49.573	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	146079	51.315	ng	94
46) 1,1'-Biphenyl	9.339	154	451713	51.969	ng	100
47) 2-Chloronaphthalene	9.363	162	349103	47.941	ng	97
48) 2-Nitroaniline	9.463	65	112870	52.198	ng	95
49) Acenaphthylene	9.780	152	554769	56.502	ng	99
50) Dimethylphthalate	9.639	163	425077	53.409	ng	99
51) 2,6-Dinitrotoluene	9.704	165	88711	56.381	ng	93
52) Acenaphthene	9.951	154	335585	51.177	ng	98
53) 3-Nitroaniline	9.875	138	51944	29.693	ng	99
54) 2,4-Dinitrophenol	9.980	184	84139	98.870	ng	95
55) Dibenzofuran	10.127	168	446708	49.071	ng	98
56) 4-Nitrophenol	10.039	139	116715	98.528	ng	90
57) 2,4-Dinitrotoluene	10.110	165	120464	56.728	ng	94
58) Fluorene	10.469	166	350715	50.562	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	110874m	55.271	ng	
60) Diethylphthalate	10.339	149	403388	53.894	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	197575	50.651	ng	98
62) 4-Nitroaniline	10.486	138	85488	51.576	ng	95
63) Azobenzene	10.622	77	400552	56.541	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	64592	48.800	ng	97
66) n-Nitrosodiphenylamine	10.580	169	343737	52.149	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	131024	50.725	ng	96
68) Hexachlorobenzene	11.016	284	160382	50.627	ng	97
69) Atrazine	11.104	200	118406	54.742	ng	97
70) Pentachlorophenol	11.216	266	153682	101.916	ng	98
71) Phenanthrene	11.433	178	523618	51.093	ng	99
72) Anthracene	11.486	178	527695	49.845	ng	99
73) Carbazole	11.639	167	446428	49.543	ng	99
74) Di-n-butylphthalate	11.969	149	576013	52.138	ng	99
75) Fluoranthene	12.621	202	558248	49.305	ng	99
77) Benzidine	12.745	184	198536	43.081	ng	98
78) Pyrene	12.857	202	574988	54.011	ng	99
80) Butylbenzylphthalate	13.468	149	210648	52.302	ng	97
81) Benzo(a)anthracene	14.045	228	553718	55.332	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	92388	26.521	ng	98
83) Chrysene	14.080	228	512042	54.526	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	293458	53.373	ng	99
85) Di-n-octyl phthalate	14.639	149	519005	54.889	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	564415	43.551	ng	99
88) Benzo(b)fluoranthene	15.104	252	646577	60.589	ng	99
89) Benzo(k)fluoranthene	15.133	252	511256	51.926	ng	100
90) Benzo(a)pyrene	15.480	252	561132	58.612	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	455578	44.409	ng	99
92) Benzo(g,h,i)perylene	17.498	276	416837	40.415	ng	98

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

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