Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144130.D
Acq On : 29 Oct 2025 16:02
Operator : RC/JU
Sample : Q3469-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13MS

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

Quant Time: Oct 29 16:22:29 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	58676	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	221225	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	127799	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	212513	20.000	ng		0.00
76) Chrysene-d12	14.057	240	138511	20.000	ng		0.00
86) Perylene-d12	15.539	264	188620	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	330246	89.046	ng		0.00
7) Phenol-d6	6.504	99	385673	94.161	ng		0.00
23) Nitrobenzene-d5	7.439	82	249172	61.708	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	150447	92.417	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	532132	58.594	ng		0.00
79) Terphenyl-d14	12.992	244	511523	64.562	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	68716	42.877	ng		97
3) Pyridine	3.457	79	197846	46.113	ng		96
4) n-Nitrosodimethylamine	3.410	42	120821	45.829	ng		89
6) Aniline	6.539	93	182089	31.075	ng		99
8) 2-Chlorophenol	6.663	128	181666	49.739	ng		99
9) Benzaldehyde	6.428	77	87085	27.384	ng		98
10) Phenol	6.522	94	250857	49.644	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	188300	51.570	ng		98
12) 1,3-Dichlorobenzene	6.816	146	221534	49.171	ng		99
13) 1,4-Dichlorobenzene	6.898	146	225660	50.823	ng		97
14) 1,2-Dichlorobenzene	7.045	146	222229	51.727	ng		98
15) Benzyl Alcohol	7.022	79	177416	53.271	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	354244	51.620	ng		97
17) 2-Methylphenol	7.128	107	148554	52.884	ng		94
18) Hexachloroethane	7.386	117	77455	48.793	ng		92
19) n-Nitroso-di-n-propyla...	7.286	70	139839	52.796	ng		96
20) 3+4-Methylphenols	7.281	107	170443	51.326	ng	#	88
22) Acetophenone	7.286	105	270486	56.576	ng		96
24) Nitrobenzene	7.457	77	215191	50.378	ng		99
25) Isophorone	7.698	82	379130	53.705	ng		99
26) 2-Nitrophenol	7.775	139	105953	52.141	ng		97
27) 2,4-Dimethylphenol	7.810	122	181421	60.079	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	236237	53.660	ng		98
29) 2,4-Dichlorophenol	8.016	162	177228	50.468	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	191604	53.036	ng		99
31) Naphthalene	8.181	128	516310	49.449	ng		99
32) Benzoic acid	7.939	122	123955	64.714	ng	#	83
33) 4-Chloroaniline	8.233	127	45450	12.504	ng		94
34) Hexachlorobutadiene	8.298	225	140638	47.608	ng		99
35) Caprolactam	8.604	113	54297m	61.658	ng		
36) 4-Chloro-3-methylphenol	8.716	107	167613	54.087	ng		97
37) 2-Methylnaphthalene	8.875	142	326433	47.419	ng		96
38) 1-Methylnaphthalene	8.975	142	329476	50.518	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	223468	50.878	ng		99
41) Hexachlorocyclopentadiene	9.027	237	163434	120.474	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	143803	50.371	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	148549	49.579	ng	97
46) 1,1'-Biphenyl	9.339	154	483104	52.807	ng	100
47) 2-Chloronaphthalene	9.363	162	374579	48.873	ng	96
48) 2-Nitroaniline	9.463	65	117825	51.770	ng	94
49) Acenaphthylene	9.780	152	571650	55.316	ng	99
50) Dimethylphthalate	9.639	163	457405	54.603	ng	100
51) 2,6-Dinitrotoluene	9.704	165	96503	58.273	ng	92
52) Acenaphthene	9.951	154	320145	46.387	ng	98
53) 3-Nitroaniline	9.875	138	54675	29.695	ng	98
54) 2,4-Dinitrophenol	9.986	184	85977	95.989	ng	92
55) Dibenzofuran	10.127	168	475482	49.625	ng	97
56) 4-Nitrophenol	10.039	139	120158	96.373	ng	92
57) 2,4-Dinitrotoluene	10.110	165	126898	56.776	ng	95
58) Fluorene	10.469	166	364911	49.984	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	118519	56.134	ng	99
60) Diethylphthalate	10.339	149	419701	53.276	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	203137	49.478	ng	98
62) 4-Nitroaniline	10.492	138	89801	51.475	ng	93
63) Azobenzene	10.622	77	422348	56.643	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	70222	51.503	ng	94
66) n-Nitrosodiphenylamine	10.580	169	370384	54.549	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	139418	52.397	ng	98
68) Hexachlorobenzene	11.016	284	168094	51.511	ng	98
69) Atrazine	11.104	200	124854	56.037	ng	98
70) Pentachlorophenol	11.216	266	157689	101.518	ng	96
71) Phenanthrene	11.433	178	548782	51.984	ng	97
72) Anthracene	11.486	178	548552	50.302	ng	98
73) Carbazole	11.639	167	455346	49.056	ng	98
74) Di-n-butylphthalate	11.969	149	588875	51.745	ng	100
75) Fluoranthene	12.627	202	565830	48.514	ng	99
77) Benzidine	12.745	184	192195	44.585	ng	99
78) Pyrene	12.857	202	563433	56.581	ng	99
80) Butylbenzylphthalate	13.468	149	203404	53.993	ng	99
81) Benzo(a)anthracene	14.045	228	550758	58.838	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	90799	27.866	ng	100
83) Chrysene	14.086	228	508980	57.944	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	281119	54.661	ng	98
85) Di-n-octyl phthalate	14.645	149	508989	57.549	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	573919	44.319	ng	98
88) Benzo(b)fluoranthene	15.104	252	641370	60.147	ng	99
89) Benzo(k)fluoranthene	15.133	252	520228	52.878	ng	99
90) Benzo(a)pyrene	15.480	252	568220	59.398	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	456733	44.556	ng	100
92) Benzo(g,h,i)perylene	17.498	276	418759	40.632	ng	98

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

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