Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142865.D
Acq On : 26 Jun 2025 13:38
Operator : RC/JU
Sample : Q2405-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

Quant Time: Jun 26 14:21:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81112	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	315008	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	166882	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277852	20.000	ng	0.00
76) Chrysene-d12	14.051	240	136036	20.000	ng	0.00
86) Perylene-d12	15.545	264	166796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	455491	93.495	ng	0.00
7) Phenol-d6	6.510	99	553739	96.339	ng	0.00
23) Nitrobenzene-d5	7.440	82	330069	57.473	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168437	98.081	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	700333	55.129	ng	0.00
79) Terphenyl-d14	12.992	244	599874	60.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	72487	37.200	ng	99
3) Pyridine	3.463	79	197105	40.348	ng	99
4) n-Nitrosodimethylamine	3.422	42	111446	44.117	ng	99
6) Aniline	6.540	93	239813	31.357	ng	92
8) 2-Chlorophenol	6.663	128	240455	45.755	ng	98
9) Benzaldehyde	6.428	77	138585	40.640	ng	100
10) Phenol	6.522	94	283324	44.345	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	205825	45.074	ng	99
12) 1,3-Dichlorobenzene	6.816	146	258929	44.055	ng	99
13) 1,4-Dichlorobenzene	6.893	146	260838	43.987	ng	99
14) 1,2-Dichlorobenzene	7.045	146	251359	44.691	ng	99
15) Benzyl Alcohol	7.022	79	193281	46.515	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	314411	42.856	ng	95
17) 2-Methylphenol	7.134	107	182347	45.787	ng	98
18) Hexachloroethane	7.387	117	91357	44.046	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	152223	45.536	ng	98
20) 3+4-Methylphenols	7.287	107	229872	46.294	ng	96
22) Acetophenone	7.287	105	308351	44.389	ng	98
24) Nitrobenzene	7.463	77	229043	44.064	ng	97
25) Isophorone	7.698	82	415380	45.088	ng	99
26) 2-Nitrophenol	7.781	139	132028	46.628	ng	97
27) 2,4-Dimethylphenol	7.816	122	217904	44.427	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	262525	44.823	ng	100
29) 2,4-Dichlorophenol	8.022	162	202124	45.450	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	215585	44.085	ng	99
31) Naphthalene	8.187	128	677388	43.932	ng	100
32) Benzoic acid	7.940	122	119422	47.771	ng	97
33) 4-Chloroaniline	8.234	127	83417	13.305	ng	97
34) Hexachlorobutadiene	8.298	225	131839	44.075	ng	99
35) Caprolactam	8.610	113	63152m	53.814	ng	
36) 4-Chloro-3-methylphenol	8.722	107	205532	46.502	ng	99
37) 2-Methylnaphthalene	8.875	142	428549	44.831	ng	99
38) 1-Methylnaphthalene	8.975	142	440242	44.488	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	219074	44.490	ng	99
41) Hexachlorocyclopentadiene	9.028	237	244689	87.566	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	143804	44.817	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	152433	45.129	ng	100
46)	1,1'-Biphenyl	9.339	154	586473	44.488	ng	100
47)	2-Chloronaphthalene	9.369	162	436814	44.155	ng	100
48)	2-Nitroaniline	9.463	65	129904	46.838	ng	98
49)	Acenaphthylene	9.781	152	723474	44.424	ng	99
50)	Dimethylphthalate	9.639	163	511351	47.337	ng	99
51)	2,6-Dinitrotoluene	9.704	165	114457	48.247	ng	99
52)	Acenaphthene	9.957	154	492832	49.600	ng	100
53)	3-Nitroaniline	9.875	138	67312	25.771	ng	97
54)	2,4-Dinitrophenol	9.986	184	121397	102.199	ng	98
55)	Dibenzofuran	10.128	168	627409	44.034	ng	100
56)	4-Nitrophenol	10.039	139	166701	93.227	ng	94
57)	2,4-Dinitrotoluene	10.110	165	154943	49.171	ng	98
58)	Fluorene	10.469	166	503703	45.266	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	127334	46.769	ng	96
60)	Diethylphthalate	10.339	149	510786	48.226	ng	100
61)	4-Chlorophenyl-phenyle...	10.457	204	241553	45.491	ng	98
62)	4-Nitroaniline	10.492	138	115115	48.190	ng	99
63)	Azobenzene	10.622	77	486973	51.443	ng	94
65)	4,6-Dinitro-2-methylph...	10.522	198	81466	48.473	ng	98
66)	n-Nitrosodiphenylamine	10.581	169	439101	45.599	ng	99
67)	4-Bromophenyl-phenylether	10.951	248	145403	45.981	ng	97
68)	Hexachlorobenzene	11.016	284	155267	44.188	ng	97
69)	Atrazine	11.104	200	138677	55.768	ng	100
70)	Pentachlorophenol	11.216	266	157135	89.745	ng	99
71)	Phenanthrene	11.433	178	686110	45.585	ng	100
72)	Anthracene	11.486	178	690116	44.707	ng	100
73)	Carbazole	11.639	167	608855	45.706	ng	99
74)	Di-n-butylphthalate	11.963	149	752629	54.235	ng	100
75)	Fluoranthene	12.622	202	614783	43.039	ng	100
77)	Benzidine	12.745	184	219229	42.893	ng	99
78)	Pyrene	12.851	202	598281	46.920	ng	100
80)	Butylbenzylphthalate	13.469	149	219871	59.444	ng	96
81)	Benzo(a)anthracene	14.045	228	439191	47.857	ng	99
82)	3,3'-Dichlorobenzidine	14.004	252	56985	19.144	ng	100
83)	Chrysene	14.080	228	379414	46.333	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.022	149	267843	50.330	ng	99
85)	Di-n-octyl phthalate	14.639	149	437421	43.590	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.057	276	449171	35.355	ng	99
88)	Benzo(b)fluoranthene	15.104	252	466884	48.374	ng	99
89)	Benzo(k)fluoranthene	15.139	252	407355	45.112	ng	99
90)	Benzo(a)pyrene	15.480	252	442533	47.461	ng	99
91)	Dibenzo(a,h)anthracene	17.068	278	369756	35.819	ng	99
92)	Benzo(g,h,i)perylene	17.510	276	329574	32.018	ng	99

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

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