Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142781.D
Acq On : 18 Jun 2025 17:03
Operator : RC/JU
Sample : Q2339-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CMS

Quant Time: Jun 18 17:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	82192	20.000	ng		-0.01
21) Naphthalene-d8	8.169	136	315259	20.000	ng		-0.01
39) Acenaphthene-d10	9.927	164	173555	20.000	ng		-0.01
64) Phenanthrene-d10	11.416	188	288967	20.000	ng		0.00
76) Chrysene-d12	14.063	240	177382	20.000	ng		0.00
86) Perylene-d12	15.551	264	188176	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	596223	123.546	ng		0.01
7) Phenol-d6	6.516	99	688613	121.248	ng		0.00
23) Nitrobenzene-d5	7.445	82	479856	83.301	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	253261	133.145	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1065934	81.597	ng		-0.01
79) Terphenyl-d14	12.998	244	856415	66.311	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	69951	36.626	ng	#	83
3) Pyridine	3.540	79	187247	39.101	ng		97
4) n-Nitrosodimethylamine	3.481	42	109892	44.851	ng		99
6) Aniline	6.545	93	116824	15.369	ng	#	61
8) 2-Chlorophenol	6.669	128	236081	44.765	ng		99
9) Benzaldehyde	6.439	77	82282	23.395	ng		98
10) Phenol	6.534	94	247962	39.279	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	221782	47.035	ng		98
12) 1,3-Dichlorobenzene	6.828	146	226497	37.633	ng		99
13) 1,4-Dichlorobenzene	6.898	146	230955	37.970	ng		99
14) 1,2-Dichlorobenzene	7.051	146	226371	38.825	ng		100
15) Benzyl Alcohol	7.028	79	199290	46.426	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	322375	43.424	ng		96
17) 2-Methylphenol	7.139	107	184098	45.535	ng		99
18) Hexachloroethane	7.392	117	82900	38.031	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	161010	44.532	ng		100
20) 3+4-Methylphenols	7.292	107	231289	45.377	ng		91
22) Acetophenone	7.292	105	314957	44.912	ng		97
24) Nitrobenzene	7.469	77	230786	45.140	ng		99
25) Isophorone	7.704	82	439745	45.086	ng		100
26) 2-Nitrophenol	7.781	139	130712	45.811	ng		99
27) 2,4-Dimethylphenol	7.822	122	229318	47.205	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	276463	45.655	ng		99
29) 2,4-Dichlorophenol	8.028	162	214626	47.873	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	205234	41.428	ng		99
31) Naphthalene	8.186	128	674727	43.275	ng		99
32) Benzoic acid	7.922	122	68359m	24.986	ng		
33) 4-Chloroaniline	8.233	127	57953	9.257	ng		98
34) Hexachlorobutadiene	8.304	225	126914	40.202	ng		99
35) Caprolactam	8.610	113	57235m	47.295	ng		
36) 4-Chloro-3-methylphenol	8.728	107	221824	47.584	ng		99
37) 2-Methylnaphthalene	8.880	142	437686	44.351	ng		99
38) 1-Methylnaphthalene	8.980	142	463471	45.335	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	224691	44.731	ng		99
41) Hexachlorocyclopentadiene	9.033	237	230266	71.423	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	156979	48.277	ng		98

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Quant Time: Jun 18 17:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	167339	47.648	ng	99
46) 1,1'-Biphenyl	9.345	154	626098	46.458	ng	99
47) 2-Chloronaphthalene	9.375	162	450740	45.398	ng	98
48) 2-Nitroaniline	9.469	65	140428	49.728	ng	99
49) Acenaphthylene	9.786	152	778575	46.507	ng	100
50) Dimethylphthalate	9.651	163	584320	50.417	ng	100
51) 2,6-Dinitrotoluene	9.710	165	123448	49.284	ng	94
52) Acenaphthene	9.963	154	483759	46.606	ng	99
53) 3-Nitroaniline	9.880	138	59134	21.766	ng	100
54) 2,4-Dinitrophenol	9.986	184	66326	48.339	ng	93
55) Dibenzofuran	10.133	168	689254	46.632	ng	99
56) 4-Nitrophenol	10.045	139	164739	89.403	ng	99
57) 2,4-Dinitrotoluene	10.116	165	168129	50.766	ng	98
58) Fluorene	10.475	166	546902	46.856	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	141044	47.737	ng	99
60) Diethylphthalate	10.345	149	570744	49.664	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	264964	46.483	ng	97
62) 4-Nitroaniline	10.498	138	119190	49.038	ng	99
63) Azobenzene	10.627	77	481631	47.987	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	61612	34.048	ng	99
66) n-Nitrosodiphenylamine	10.586	169	482227	48.549	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	162450	47.626	ng	98
68) Hexachlorobenzene	11.027	284	179720	47.467	ng	97
69) Atrazine	11.116	200	147918	55.856	ng	99
70) Pentachlorophenol	11.222	266	179311	90.346	ng	99
71) Phenanthrene	11.439	178	746315	48.208	ng	99
72) Anthracene	11.492	178	756768	47.254	ng	99
73) Carbazole	11.645	167	659623	49.200	ng	100
74) Di-n-butylphthalate	11.974	149	853087	56.984	ng	100
75) Fluoranthene	12.633	202	714910	48.565	ng	99
77) Benzidine	12.751	184	219014	34.669	ng	99
78) Pyrene	12.863	202	702922	42.642	ng	99
80) Butylbenzylphthalate	13.474	149	286656	58.806	ng	99
81) Benzo(a)anthracene	14.051	228	572189	48.678	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	71038	18.741	ng	98
83) Chrysene	14.086	228	519476	47.867	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	400227	54.710	ng	99
85) Di-n-octyl phthalate	14.645	149	662418	47.197	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	600083	43.033	ng	99
88) Benzo(b)fluoranthene	15.115	252	558681	50.422	ng	99
89) Benzo(k)fluoranthene	15.145	252	526725	48.995	ng	100
90) Benzo(a)pyrene	15.492	252	526466	49.974	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	486932	42.765	ng	100
92) Benzo(g,h,i)perylene	17.527	276	466934	41.239	ng	100

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

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