Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142843.D
Acq On : 25 Jun 2025 18:04
Operator : RC/JU
Sample : Q2394-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-K/LMS

Quant Time: Jun 25 18:35:22 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	88519	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	329491	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	165682	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	227501	20.000	ng		0.00
76) Chrysene-d12	14.057	240	165966	20.000	ng		0.00
86) Perylene-d12	15.545	264	197780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	499572	93.963	ng		0.01
7) Phenol-d6	6.510	99	600360	95.711	ng		0.00
23) Nitrobenzene-d5	7.439	82	362464	60.340	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	150754	88.420	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	742296	58.856	ng		0.00
79) Terphenyl-d14	12.992	244	463419	38.581	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	75011	35.274	ng		100
3) Pyridine	3.475	79	200057	37.526	ng		99
4) n-Nitrosodimethylamine	3.428	42	107913	39.144	ng		100
6) Aniline	6.540	93	217621	26.074	ng	#	87
8) 2-Chlorophenol	6.663	128	233842	40.773	ng		98
9) Benzaldehyde	6.428	77	137324	36.901	ng		99
10) Phenol	6.528	94	273460	39.220	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	199815	40.096	ng		99
12) 1,3-Dichlorobenzene	6.816	146	255057	39.765	ng		99
13) 1,4-Dichlorobenzene	6.892	146	253276	39.138	ng		99
14) 1,2-Dichlorobenzene	7.045	146	244651	39.858	ng		99
15) Benzyl Alcohol	7.022	79	185058	40.809	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	311726	38.934	ng		95
17) 2-Methylphenol	7.134	107	174992	40.263	ng		98
18) Hexachloroethane	7.387	117	90157	39.831	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	148962	40.832	ng		97
20) 3+4-Methylphenols	7.287	107	219249	40.459	ng		96
22) Acetophenone	7.287	105	297693	40.971	ng		97
24) Nitrobenzene	7.463	77	222065	40.844	ng		97
25) Isophorone	7.698	82	393119	40.796	ng		100
26) 2-Nitrophenol	7.781	139	127098	42.914	ng		96
27) 2,4-Dimethylphenol	7.816	122	206921	40.334	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	252403	41.200	ng		100
29) 2,4-Dichlorophenol	8.022	162	190142	40.876	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	208686	40.798	ng		99
31) Naphthalene	8.186	128	662234	41.061	ng		100
32) Benzoic acid	7.928	122	97920	37.448	ng		96
33) 4-Chloroaniline	8.234	127	77471	11.813	ng		98
34) Hexachlorobutadiene	8.298	225	127754	40.832	ng		99
35) Caprolactam	8.604	113	50110	40.824	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	182369	39.448	ng		100
37) 2-Methylnaphthalene	8.875	142	404875	40.492	ng		100
38) 1-Methylnaphthalene	8.975	142	419225	40.502	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	206370	42.213	ng		99
41) Hexachlorocyclopentadiene	9.028	237	215010	77.502	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	131094	41.152	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	136008	40.558	ng	99
46) 1,1'-Biphenyl	9.339	154	547245	41.813	ng	100
47) 2-Chloronaphthalene	9.369	162	405690	41.306	ng	99
48) 2-Nitroaniline	9.463	65	109486	39.762	ng	95
49) Acenaphthylene	9.781	152	656449	40.601	ng	100
50) Dimethylphthalate	9.639	163	450728	42.027	ng	100
51) 2,6-Dinitrotoluene	9.704	165	97227	41.281	ng	99
52) Acenaphthene	9.957	154	424561	43.038	ng	99
53) 3-Nitroaniline	9.869	138	53290	20.550	ng	99
54) 2,4-Dinitrophenol	9.980	184	80048	67.877	ng	99
55) Dibenzofuran	10.128	168	563126	39.809	ng	99
56) 4-Nitrophenol	10.039	139	115198	64.891	ng	98
57) 2,4-Dinitrotoluene	10.110	165	122816	39.258	ng	98
58) Fluorene	10.469	166	429288	38.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101337	37.490	ng	96
60) Diethylphthalate	10.339	149	430342	40.925	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	208769	39.601	ng	99
62) 4-Nitroaniline	10.486	138	81554	34.388	ng	98
63) Azobenzene	10.622	77	400040	42.566	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	56551	41.096	ng	94
66) n-Nitrosodiphenylamine	10.580	169	360840	45.765	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	120669	46.605	ng	97
68) Hexachlorobenzene	11.016	284	129337	44.955	ng	98
69) Atrazine	11.104	200	94788	46.555	ng	99
70) Pentachlorophenol	11.216	266	107120	74.720	ng	97
71) Phenanthrene	11.433	178	505523	41.020	ng	100
72) Anthracene	11.486	178	513353	40.616	ng	100
73) Carbazole	11.639	167	404102	37.050	ng	100
74) Di-n-butylphthalate	11.963	149	511965	45.058	ng	100
75) Fluoranthene	12.621	202	420643	35.965	ng	100
77) Benzidine	12.745	184	165026	26.465	ng	99
78) Pyrene	12.851	202	417496	26.837	ng	99
80) Butylbenzylphthalate	13.469	149	181793	40.286	ng	97
81) Benzo(a)anthracene	14.045	228	463653	41.412	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	59405	16.358	ng	98
83) Chrysene	14.080	228	425822	42.622	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	283606	43.681	ng	100
85) Di-n-octyl phthalate	14.645	149	541947	44.267	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	365312	24.250	ng	99
88) Benzo(b)fluoranthene	15.110	252	512125	44.749	ng	100
89) Benzo(k)fluoranthene	15.139	252	484313	45.233	ng	99
90) Benzo(a)pyrene	15.486	252	475618	43.019	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	299177	24.442	ng	99
92) Benzo(g,h,i)perylene	17.509	276	257081	21.062	ng	99

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

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