Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF144000.D
Acq On : 20 Oct 2025 15:57
Operator : RC/JU
Sample : Q3381-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-245MS

Quant Time: Oct 20 16:33:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	103333	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	382013	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	200713	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	318387	20.000	ng		0.00
76) Chrysene-d12	14.063	240	223763	20.000	ng		0.00
86) Perylene-d12	15.545	264	294781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	438595	67.402	ng		0.00
7) Phenol-d6	6.504	99	529928	68.323	ng		-0.01
23) Nitrobenzene-d5	7.440	82	289756	46.082	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	118959	59.505	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	409869	32.402	ng		-0.01
79) Terphenyl-d14	12.998	244	462900	35.356	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	132798	44.102	ng		96
3) Pyridine	3.463	79	368348	42.020	ng		99
4) n-Nitrosodimethylamine	3.410	42	209201	45.366	ng		94
6) Aniline	6.545	93	368544	31.709	ng		99
8) 2-Chlorophenol	6.663	128	287133	45.142	ng		99
9) Benzaldehyde	6.434	77	158290	26.456	ng		99
10) Phenol	6.522	94	428684	46.230	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	318744	44.498	ng		99
12) 1,3-Dichlorobenzene	6.822	146	343788	45.152	ng		99
13) 1,4-Dichlorobenzene	6.898	146	342288	45.575	ng		100
14) 1,2-Dichlorobenzene	7.051	146	334132	46.447	ng		99
15) Benzyl Alcohol	7.022	79	272640	46.914	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	731362	44.856	ng		100
17) 2-Methylphenol	7.128	107	239106	45.486	ng		97
18) Hexachloroethane	7.392	117	110667	44.183	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	217753	41.015	ng		99
20) 3+4-Methylphenols	7.281	107	267179	43.854	ng	#	84
22) Acetophenone	7.287	105	403608	49.968	ng		96
24) Nitrobenzene	7.463	77	340069	48.702	ng		97
25) Isophorone	7.698	82	600118	45.264	ng		99
26) 2-Nitrophenol	7.781	139	159448	53.262	ng		96
27) 2,4-Dimethylphenol	7.810	122	272349	50.573	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	387810	46.306	ng		99
29) 2,4-Dichlorophenol	8.022	162	259499	46.261	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	269947	48.932	ng		98
31) Naphthalene	8.187	128	796848	45.855	ng		100
32) Benzoic acid	7.928	122	161816	43.417	ng		97
33) 4-Chloroaniline	8.234	127	142681	21.892	ng		99
34) Hexachlorobutadiene	8.304	225	170350	44.436	ng		96
35) Caprolactam	8.598	113	81445	45.664	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	246157	45.684	ng		100
37) 2-Methylnaphthalene	8.875	142	489487	42.286	ng		98
38) 1-Methylnaphthalene	8.975	142	488367	43.496	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	284451	51.276	ng		98
41) Hexachlorocyclopentadiene	9.028	237	226930	98.605	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	190058	46.890	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	200259	46.753	ng		99
46) 1,1'-Biphenyl	9.339	154	678896	51.087	ng		99
47) 2-Chloronaphthalene	9.369	162	512730	46.276	ng		97
48) 2-Nitroaniline	9.463	65	175824	50.193	ng		95
49) Acenaphthylene	9.786	152	809376	51.961	ng		100
50) Dimethylphthalate	9.639	163	597488	46.876	ng		100
51) 2,6-Dinitrotoluene	9.704	165	127854	54.095	ng		96
52) Acenaphthene	9.957	154	478527	46.884	ng		99
53) 3-Nitroaniline	9.875	138	92302	31.894	ng		99
54) 2,4-Dinitrophenol	9.981	184	81830	58.200	ng		92
55) Dibenzofuran	10.128	168	675911	46.912	ng		98
56) 4-Nitrophenol	10.033	139	186388	85.060	ng		97
57) 2,4-Dinitrotoluene	10.110	165	170165	52.914	ng		99
58) Fluorene	10.475	166	516441	47.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	141238	46.581	ng		98
60) Diethylphthalate	10.339	149	543627	45.909	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	257179	44.744	ng		97
62) 4-Nitroaniline	10.486	138	127786	45.917	ng		95
63) Azobenzene	10.622	77	606952	49.044	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	73561	45.976	ng		99
66) n-Nitrosodiphenylamine	10.581	169	501852	50.200	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	168517	47.892	ng		97
68) Hexachlorobenzene	11.022	284	195558	48.006	ng		99
69) Atrazine	11.110	200	152836	50.440	ng		98
70) Pentachlorophenol	11.216	266	184749	78.967	ng		98
71) Phenanthrene	11.439	178	818952	53.056	ng		99
72) Anthracene	11.492	178	795285	51.001	ng		99
73) Carbazole	11.645	167	673083	48.737	ng		99
74) Di-n-butylphthalate	11.975	149	786167	49.117	ng		99
75) Fluoranthene	12.633	202	892868	56.001	ng		98
77) Benzidine	12.751	184	292169	37.604	ng		99
78) Pyrene	12.863	202	897135	48.091	ng		99
80) Butylbenzylphthalate	13.474	149	297998	49.187	ng		99
81) Benzo(a)anthracene	14.051	228	876380	59.849	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	148913	33.370	ng		98
83) Chrysene	14.092	228	762919	56.293	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	388279	53.166	ng		100
85) Di-n-octyl phthalate	14.651	149	721877	60.181	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	942417	52.175	ng		99
88) Benzo(b)fluoranthene	15.116	252	963893	56.923	ng		99
89) Benzo(k)fluoranthene	15.145	252	694255	44.309	ng		99
90) Benzo(a)pyrene	15.486	252	854925	58.227	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	729261	50.200	ng		98
92) Benzo(g,h,i)perylene	17.515	276	756650	52.085	ng		98

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

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