Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144300.D
Acq On : 20 Nov 2025 17:57
Operator : RC/JU
Sample : Q3681-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-354MS

Quant Time: Nov 20 23:57:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	49144	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	171173	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	85160	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	146273	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	130159	20.000	ng		0.00
86) Perylene-d12	15.521	264	105498	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	332276	105.805	ng		0.00
7) Phenol-d6	6.498	99	364769	102.510	ng		0.00
23) Nitrobenzene-d5	7.428	82	229513	77.439	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	107064	100.185	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	403988	70.064	ng		0.00
79) Terphenyl-d14	12.980	244	460592	56.209	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	60910	46.913	ng		99
3) Pyridine	3.434	79	163015	45.004	ng		99
4) n-Nitrosodimethylamine	3.381	42	97419	51.488	ng		95
6) Aniline	6.528	93	100814	19.885	ng	#	80
8) 2-Chlorophenol	6.651	128	139155	45.183	ng		98
9) Benzaldehyde	6.416	77	77655	38.647	ng		98
10) Phenol	6.516	94	187109	43.037	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	151977	47.974	ng		99
12) 1,3-Dichlorobenzene	6.804	146	176446	46.429	ng		99
13) 1,4-Dichlorobenzene	6.881	146	178897	46.987	ng		98
14) 1,2-Dichlorobenzene	7.034	146	168304	46.119	ng		98
15) Benzyl Alcohol	7.010	79	129979	46.130	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266622	45.703	ng		99
17) 2-Methylphenol	7.122	107	109047	44.507	ng		98
18) Hexachloroethane	7.375	117	55039	43.512	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	103748	44.289	ng		97
20) 3+4-Methylphenols	7.275	107	126560	43.820	ng	#	88
22) Acetophenone	7.275	105	185350	50.476	ng		99
24) Nitrobenzene	7.445	77	155683	48.379	ng		98
25) Isophorone	7.686	82	265601	47.378	ng		98
26) 2-Nitrophenol	7.763	139	58665	36.828	ng		97
27) 2,4-Dimethylphenol	7.798	122	123186	51.595	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	172907	49.391	ng		99
29) 2,4-Dichlorophenol	8.010	162	118111	42.921	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	135921	48.101	ng		99
31) Naphthalene	8.169	128	385834	47.385	ng		99
32) Benzoic acid	7.898	122	46014	26.292	ng		92
33) 4-Chloroaniline	8.222	127	47217	15.900	ng		96
34) Hexachlorobutadiene	8.281	225	97111	45.601	ng		99
35) Caprolactam	8.586	113	33478	44.405	ng		93
36) 4-Chloro-3-methylphenol	8.704	107	104048	42.189	ng		98
37) 2-Methylnaphthalene	8.863	142	231018	42.435	ng		99
38) 1-Methylnaphthalene	8.963	142	223110	42.474	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	134078	48.040	ng		99
41) Hexachlorocyclopentadiene	9.010	237	30327	36.639	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	87042	45.822	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	92651	45.255	ng		99
46) 1,1'-Biphenyl	9.322	154	290921	48.940	ng		100
47) 2-Chloronaphthalene	9.351	162	235417	46.427	ng		100
48) 2-Nitroaniline	9.445	65	76306	52.155	ng		98
49) Acenaphthylene	9.769	152	364510	52.751	ng		100
50) Dimethylphthalate	9.622	163	280620	49.740	ng		99
51) 2,6-Dinitrotoluene	9.686	165	55791	48.851	ng		98
52) Acenaphthene	9.939	154	196774	42.585	ng		98
53) 3-Nitroaniline	9.857	138	57019	45.672	ng		97
54) 2,4-Dinitrophenol	9.980	184	4286	6.215	ng	#	89
55) Dibenzofuran	10.110	168	295017	45.586	ng		99
56) 4-Nitrophenol	10.027	139	75349	83.436	ng		99
57) 2,4-Dinitrotoluene	10.092	165	67487	44.142	ng		98
58) Fluorene	10.451	166	232586	47.270	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	68224	47.100	ng	#	97
60) Diethylphthalate	10.322	149	249740	48.020	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	121218	43.249	ng		97
62) 4-Nitroaniline	10.474	138	59630	50.155	ng		97
63) Azobenzene	10.604	77	245920	50.808	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	5371	5.405	ng		91
66) n-Nitrosodiphenylamine	10.563	169	224196	47.655	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	80488	43.110	ng		97
68) Hexachlorobenzene	11.004	284	95880	43.599	ng		99
69) Atrazine	11.092	200	75085	50.186	ng		97
70) Pentachlorophenol	11.204	266	84776	77.415	ng		98
71) Phenanthrene	11.421	178	391504	53.758	ng		100
72) Anthracene	11.474	178	366528	49.495	ng		99
73) Carbazole	11.627	167	332523	52.807	ng		99
74) Di-n-butylphthalate	11.951	149	389249	51.134	ng		99
75) Fluoranthene	12.616	202	520318	69.163	ng		99
77) Benzidine	12.733	184	162223	42.136	ng		98
78) Pyrene	12.845	202	523793	49.911	ng		99
80) Butylbenzylphthalate	13.457	149	177309	48.747	ng		97
81) Benzo(a)anthracene	14.033	228	504374	55.911	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	104427	33.771	ng		96
83) Chrysene	14.074	228	420603	50.507	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	243664	48.936	ng		97
85) Di-n-octyl phthalate	14.627	149	419739	48.859	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	301670	39.835	ng		98
88) Benzo(b)fluoranthene	15.092	252	376540	62.780	ng		99
89) Benzo(k)fluoranthene	15.121	252	304902	54.312	ng		99
90) Benzo(a)pyrene	15.462	252	321765	58.152	ng	#	96
91) Dibenzo(a,h)anthracene	17.039	278	232307	38.196	ng		98
92) Benzo(g,h,i)perylene	17.480	276	242968	40.454	ng		99

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

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