Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144393.D
Acq On : 01 Dec 2025 18:12
Operator : RC/JU
Sample : Q3735-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625MSD

Quant Time: Dec 02 00:09:25 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	47026	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	155006	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	78597	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	150269	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	135484	20.000	ng		0.00
86) Perylene-d12	15.527	264	106852	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	206605	68.751	ng		0.00
7) Phenol-d6	6.498	99	222986	65.488	ng		0.00
23) Nitrobenzene-d5	7.428	82	129312	48.181	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	70776	71.759	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	231935	43.583	ng		-0.01
79) Terphenyl-d14	12.980	244	313031	36.700	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	64600	51.996	ng		98
3) Pyridine	3.434	79	169149	48.800	ng		98
4) n-Nitrosodimethylamine	3.387	42	91838	50.725	ng		90
6) Aniline	6.528	93	89812	18.513	ng	#	82
8) 2-Chlorophenol	6.651	128	126592	42.955	ng		98
9) Benzaldehyde	6.416	77	66196	34.428	ng		98
10) Phenol	6.516	94	172663	41.503	ng		96
11) bis(2-Chloroethyl)ether	6.598	93	141966	46.832	ng		100
12) 1,3-Dichlorobenzene	6.804	146	168669	46.381	ng		98
13) 1,4-Dichlorobenzene	6.881	146	169084	46.410	ng		98
14) 1,2-Dichlorobenzene	7.034	146	158528	45.397	ng		99
15) Benzyl Alcohol	7.004	79	113365	42.046	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	251610	45.072	ng		88
17) 2-Methylphenol	7.122	107	95564	40.761	ng		96
18) Hexachloroethane	7.375	117	50819	41.985	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	95505	42.607	ng		98
20) 3+4-Methylphenols	7.275	107	114340	41.372	ng	#	89
22) Acetophenone	7.269	105	166994	50.220	ng		98
24) Nitrobenzene	7.445	77	139168	47.758	ng		99
25) Isophorone	7.681	82	238193	46.920	ng		98
26) 2-Nitrophenol	7.763	139	71132	49.312	ng		95
27) 2,4-Dimethylphenol	7.798	122	107096	49.534	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	154877	48.855	ng		98
29) 2,4-Dichlorophenol	8.010	162	106069	42.565	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	120802	47.210	ng		98
31) Naphthalene	8.169	128	333805	45.271	ng		100
32) Benzoic acid	7.916	122	63279	39.928	ng		90
33) 4-Chloroaniline	8.222	127	41281	15.351	ng		95
34) Hexachlorobutadiene	8.281	225	84937	44.044	ng		99
35) Caprolactam	8.581	113	30129	44.131	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	90368	40.464	ng		97
37) 2-Methylnaphthalene	8.857	142	195536	39.664	ng		100
38) 1-Methylnaphthalene	8.957	142	199857	42.015	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	120673	46.847	ng		98
41) Hexachlorocyclopentadiene	9.010	237	25574	34.226	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	76059	43.383	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	82271	43.540	ng	99
46) 1,1'-Biphenyl	9.322	154	259567	47.312	ng	100
47) 2-Chloronaphthalene	9.351	162	210702	45.023	ng	99
48) 2-Nitroaniline	9.451	65	63612	47.109	ng	90
49) Acenaphthylene	9.763	152	328511	51.512	ng	100
50) Dimethylphthalate	9.622	163	245841	47.215	ng	100
51) 2,6-Dinitrotoluene	9.686	165	54414	51.624	ng	91
52) Acenaphthene	9.939	154	177941	41.724	ng	98
53) 3-Nitroaniline	9.863	138	38109	33.074	ng	94
54) 2,4-Dinitrophenol	9.975	184	24505	38.500	ng	88
55) Dibenzofuran	10.110	168	274816	46.011	ng	98
56) 4-Nitrophenol	10.033	139	80539	96.629	ng	95
57) 2,4-Dinitrotoluene	10.098	165	72202	51.169	ng	98
58) Fluorene	10.457	166	223358	49.185	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	64446	48.207	ng	100
60) Diethylphthalate	10.322	149	230285	47.976	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	116115	44.888	ng	98
62) 4-Nitroaniline	10.475	138	51688	47.105	ng	92
63) Azobenzene	10.604	77	231848	51.900	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	22591	22.130	ng	93
66) n-Nitrosodiphenylamine	10.563	169	215296	44.547	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	78703	41.033	ng	97
68) Hexachlorobenzene	11.004	284	97923	43.344	ng	97
69) Atrazine	11.092	200	76246	49.606	ng	99
70) Pentachlorophenol	11.204	266	111644	99.239	ng	100
71) Phenanthrene	11.422	178	358342	47.896	ng	99
72) Anthracene	11.475	178	370992	48.766	ng	100
73) Carbazole	11.627	167	342822	52.995	ng	99
74) Di-n-butylphthalate	11.951	149	418032	53.455	ng	99
75) Fluoranthene	12.616	202	453822	58.720	ng	99
77) Benzidine	12.739	184	190139	47.446	ng	98
78) Pyrene	12.845	202	467510	42.797	ng	98
80) Butylbenzylphthalate	13.457	149	196159	51.810	ng	99
81) Benzo(a)anthracene	14.039	228	461954	49.196	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	113093	35.137	ng	95
83) Chrysene	14.074	228	407199	46.976	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	277186	53.480	ng	97
85) Di-n-octyl phthalate	14.627	149	441688	49.393	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	292895	38.186	ng	97
88) Benzo(b)fluoranthene	15.098	252	340496	56.051	ng	99
89) Benzo(k)fluoranthene	15.121	252	304715	53.591	ng	97
90) Benzo(a)pyrene	15.468	252	279785	49.924	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	236474	38.388	ng	97
92) Benzo(g,h,i)perylene	17.492	276	232585	38.234	ng	99

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

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