Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144080.D
Acq On : 27 Oct 2025 13:34
Operator : RC/JU
Sample : Q3385-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Quant Time: Oct 27 14:02:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	48975	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	173973	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	86535	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	138271	20.000	ng		0.00
76) Chrysene-d12	14.063	240	119266	20.000	ng		0.00
86) Perylene-d12	15.545	264	165835	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	181169	58.526	ng		0.00
7) Phenol-d6	6.504	99	142070	41.557	ng		0.00
23) Nitrobenzene-d5	7.440	82	296309	93.313	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	95341	86.494	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	559903	91.050	ng		0.00
79) Terphenyl-d14	12.998	244	573867	84.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	34791	26.009	ng		99
3) Pyridine	3.440	79	74771	20.879	ng		96
4) n-Nitrosodimethylamine	3.375	42	63084	28.668	ng		97
6) Aniline	6.540	93	88460	18.087	ng		97
8) 2-Chlorophenol	6.663	128	119346	39.149	ng		99
10) Phenol	6.516	94	88846	21.065	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	135670	44.516	ng		98
12) 1,3-Dichlorobenzene	6.822	146	140767	37.433	ng		97
13) 1,4-Dichlorobenzene	6.898	146	143902	38.829	ng		97
14) 1,2-Dichlorobenzene	7.051	146	136919	38.183	ng		99
15) Benzyl Alcohol	7.022	79	106013	38.137	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	243501	42.511	ng		97
17) 2-Methylphenol	7.134	107	82069	35.003	ng		98
18) Hexachloroethane	7.393	117	48402	36.531	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	101405	45.869	ng		97
20) 3+4-Methylphenols	7.281	107	94237	33.999	ng	#	69
22) Acetophenone	7.287	105	200237	53.258	ng		94
24) Nitrobenzene	7.463	77	152986	45.543	ng		99
25) Isophorone	7.698	82	261760	47.150	ng		100
26) 2-Nitrophenol	7.775	139	71936	45.016	ng		99
27) 2,4-Dimethylphenol	7.810	122	112868	47.529	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	159497	46.069	ng		97
29) 2,4-Dichlorophenol	8.022	162	117125	42.412	ng		96
30) 1,2,4-Trichlorobenzene	8.104	180	123315	43.404	ng		99
31) Naphthalene	8.187	128	353624	43.067	ng		99
32) Benzoic acid	7.934	122	88413	58.695	ng	#	86
33) 4-Chloroaniline	8.234	127	45421	15.890	ng		96
34) Hexachlorobutadiene	8.298	225	93289	40.157	ng		97
35) Caprolactam	8.587	113	9262	13.374	ng	#	78
36) 4-Chloro-3-methylphenol	8.710	107	102864	42.208	ng		94
37) 2-Methylnaphthalene	8.875	142	221101	40.842	ng		97
38) 1-Methylnaphthalene	8.975	142	221036	43.096	ng		99
40) 1,2,4,5-Tetrachloroben...	9.040	216	150315	50.542	ng		99
41) Hexachlorocyclopentadiene	9.028	237	115058	125.257	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	92163	47.676	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	95638	47.140	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	319119	51.516	ng		99
47) 2-Chloronaphthalene	9.363	162	247362	47.664	ng		97
48) 2-Nitroaniline	9.463	65	74906	48.607	ng		96
49) Acenaphthylene	9.781	152	367620	52.536	ng		99
50) Dimethylphthalate	9.639	163	275121	48.503	ng		100
51) 2,6-Dinitrotoluene	9.704	165	57929	51.660	ng		90
52) Acenaphthene	9.951	154	228917	48.985	ng		98
53) 3-Nitroaniline	9.869	138	31289	25.097	ng		98
54) 2,4-Dinitrophenol	9.981	184	53177	87.680	ng		99
55) Dibenzofuran	10.128	168	304441	46.925	ng		98
56) 4-Nitrophenol	10.051	139	37976	44.983	ng		98
57) 2,4-Dinitrotoluene	10.104	165	78063	51.581	ng		98
58) Fluorene	10.469	166	232000	46.932	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	69758	48.794	ng		99
60) Diethylphthalate	10.334	149	250658	46.990	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	128399	46.187	ng		98
62) 4-Nitroaniline	10.486	138	50820	43.021	ng		96
63) Azobenzene	10.622	77	249492	49.416	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	42686	48.117	ng		96
66) n-Nitrosodiphenylamine	10.581	169	221176	50.065	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	62404	36.046	ng	#	82
68) Hexachlorobenzene	11.022	284	85664	40.346	ng	#	89
69) Atrazine	11.110	200	41676	28.748	ng		97
70) Pentachlorophenol	11.228	266	95662	94.653	ng		99
71) Phenanthrene	11.439	178	321362	46.787	ng		99
72) Anthracene	11.492	178	334471	47.139	ng		99
73) Carbazole	11.645	167	280282	46.409	ng		98
74) Di-n-butylphthalate	11.969	149	339754	45.885	ng		100
75) Fluoranthene	12.628	202	355887	46.898	ng		99
77) Benzidine	12.751	184	43263	11.656	ng	#	87
78) Pyrene	12.857	202	270003	31.489	ng		98
80) Butylbenzylphthalate	13.475	149	150139	46.284	ng		100
81) Benzo(a)anthracene	14.051	228	394362	48.928	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	81428	29.022	ng	#	95
83) Chrysene	14.086	228	369557	48.860	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	283322	63.978	ng		99
85) Di-n-octyl phthalate	14.645	149	405201	53.206	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	556174	48.849	ng		99
88) Benzo(b)fluoranthene	15.110	252	441763	47.120	ng		98
89) Benzo(k)fluoranthene	15.139	252	417100	48.220	ng		99
90) Benzo(a)pyrene	15.480	252	422556	50.240	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	441007	48.933	ng		98
92) Benzo(g,h,i)perylene	17.510	276	450459	49.714	ng		98

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

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