Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143028.D
Acq On : 08 Jul 2025 12:25
Operator : RC/JU
Sample : PB168716BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168716BSD

Quant Time: Jul 08 12:51:30 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	60408	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	226362	20.000	ng		-0.01
39) Acenaphthene-d10	9.922	164	118776	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	197115	20.000	ng		0.00
76) Chrysene-d12	14.057	240	99617	20.000	ng		0.00
86) Perylene-d12	15.557	264	118358	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	420531	115.904	ng		0.01
7) Phenol-d6	6.510	99	498311	116.410	ng		0.00
23) Nitrobenzene-d5	7.440	82	309095	74.898	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	156050	127.671	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	682333	75.467	ng		0.00
79) Terphenyl-d14	12.998	244	588629	81.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	47084	32.444	ng		99
3) Pyridine	3.487	79	131813	36.231	ng		99
4) n-Nitrosodimethylamine	3.434	42	70729	37.595	ng		99
6) Aniline	6.540	93	208216	36.556	ng	#	86
8) 2-Chlorophenol	6.663	128	161271	41.205	ng		98
9) Benzaldehyde	6.428	77	65886	25.943	ng		99
10) Phenol	6.528	94	191814	40.312	ng		77
11) bis(2-Chloroethyl)ether	6.610	93	140098	41.196	ng		96
12) 1,3-Dichlorobenzene	6.816	146	176469	40.315	ng		100
13) 1,4-Dichlorobenzene	6.893	146	178127	40.334	ng		99
14) 1,2-Dichlorobenzene	7.045	146	168532	40.234	ng		99
15) Benzyl Alcohol	7.016	79	130947	42.314	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	206494	37.793	ng		74
17) 2-Methylphenol	7.134	107	122670	41.359	ng		96
18) Hexachloroethane	7.387	117	63147	40.880	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	103405	41.534	ng		98
20) 3+4-Methylphenols	7.287	107	157112	42.485	ng		95
22) Acetophenone	7.287	105	212582	42.587	ng		99
24) Nitrobenzene	7.457	77	158005	42.302	ng		99
25) Isophorone	7.698	82	280738	42.407	ng		100
26) 2-Nitrophenol	7.775	139	90027	44.245	ng		99
27) 2,4-Dimethylphenol	7.816	122	149664m	42.464	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	176633	41.968	ng		100
29) 2,4-Dichlorophenol	8.022	162	135467	42.390	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	148284	42.197	ng		98
31) Naphthalene	8.181	128	468116	42.249	ng		100
32) Benzoic acid	7.945	122	75484	42.020	ng		94
33) 4-Chloroaniline	8.234	127	167459	37.169	ng		98
34) Hexachlorobutadiene	8.292	225	91447	42.544	ng		98
35) Caprolactam	8.604	113	40716m	48.283	ng		
36) 4-Chloro-3-methylphenol	8.716	107	140678	44.294	ng		97
37) 2-Methylnaphthalene	8.875	142	291888	42.492	ng		99
38) 1-Methylnaphthalene	8.975	142	304995	42.891	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150411	42.917	ng		99
41) Hexachlorocyclopentadiene	9.028	237	142671	71.736	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	94547	41.400	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	101102	42.055	ng	99
46) 1,1'-Biphenyl	9.339	154	399750	42.605	ng	100
47) 2-Chloronaphthalene	9.369	162	296286	42.080	ng	99
48) 2-Nitroaniline	9.463	65	87823	44.490	ng	97
49) Acenaphthylene	9.781	152	495501	42.749	ng	100
50) Dimethylphthalate	9.639	163	344592	44.820	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76735	45.447	ng	99
52) Acenaphthene	9.951	154	329456m	46.586	ng	
53) 3-Nitroaniline	9.875	138	69562	37.419	ng	99
54) 2,4-Dinitrophenol	9.992	184	77305	91.438	ng	96
55) Dibenzofuran	10.128	168	434973	42.893	ng	99
56) 4-Nitrophenol	10.051	139	96519	75.840	ng	98
57) 2,4-Dinitrotoluene	10.116	165	102633	45.762	ng	92
58) Fluorene	10.469	166	348969	44.062	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	83826	43.258	ng	94
60) Diethylphthalate	10.339	149	342754	45.468	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	165173	43.705	ng	98
62) 4-Nitroaniline	10.492	138	75705	44.528	ng	98
63) Azobenzene	10.622	77	293275	43.529	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	53414	44.800	ng	99
66) n-Nitrosodiphenylamine	10.581	169	298278	43.662	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	101294	45.153	ng	96
68) Hexachlorobenzene	11.022	284	109072	43.756	ng	100
69) Atrazine	11.104	200	85401	48.410	ng	99
70) Pentachlorophenol	11.222	266	97372	78.391	ng	98
71) Phenanthrene	11.439	178	461695	43.239	ng	99
72) Anthracene	11.486	178	480353	43.864	ng	100
73) Carbazole	11.645	167	415390	43.955	ng	100
74) Di-n-butylphthalate	11.963	149	460630	46.789	ng	100
75) Fluoranthene	12.627	202	436467	43.071	ng	99
77) Benzidine	12.751	184	257555	68.815	ng	99
78) Pyrene	12.857	202	432273	46.294	ng	100
80) Butylbenzylphthalate	13.469	149	131197	48.438	ng	95
81) Benzo(a)anthracene	14.045	228	306755	45.646	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	79021	36.252	ng	99
83) Chrysene	14.086	228	263566	43.953	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	172233	44.196	ng	99
85) Di-n-octyl phthalate	14.639	149	312074	42.469	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	383294	42.516	ng	98
88) Benzo(b)fluoranthene	15.116	252	292823	42.756	ng	99
89) Benzo(k)fluoranthene	15.145	252	287902	44.932	ng	99
90) Benzo(a)pyrene	15.492	252	292328	44.183	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	314182	42.892	ng	98
92) Benzo(g,h,i)perylene	17.545	276	312480	42.781	ng	98

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

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