Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142813.D
Acq On : 24 Jun 2025 11:17
Operator : RC/JU
Sample : PB168582BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168582BS

Quant Time: Jun 24 11:57:14 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	6.881	152	87581	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	332781	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	176728	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	296244	20.000	ng		0.00
76) Chrysene-d12	14.057	240	159667	20.000	ng		0.00
86) Perylene-d12	15.545	264	182255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	684397	130.105	ng		0.02
7) Phenol-d6	6.510	99	802859	129.364	ng		0.00
23) Nitrobenzene-d5	7.446	82	503430	82.978	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	255049	140.241	ng		0.00
45) 2-Fluorobiphenyl	9.240	172	1070792	79.595	ng		0.00
79) Terphenyl-d14	12.998	244	957674	82.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	79496	37.783	ng		100
3) Pyridine	3.499	79	221172	41.931	ng		98
4) n-Nitrosodimethylamine	3.452	42	125085	45.858	ng		98
6) Aniline	6.540	93	329661	39.921	ng	#	85
8) 2-Chlorophenol	6.663	128	262656	46.288	ng		100
9) Benzaldehyde	6.428	77	156759	42.574	ng		99
10) Phenol	6.528	94	311042	45.087	ng		90
11) bis(2-Chloroethyl)ether	6.616	93	225207	45.676	ng		99
12) 1,3-Dichlorobenzene	6.822	146	284896	44.893	ng		99
13) 1,4-Dichlorobenzene	6.899	146	288583	45.071	ng		100
14) 1,2-Dichlorobenzene	7.051	146	273605	45.053	ng		99
15) Benzyl Alcohol	7.022	79	208279	46.422	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	350854	44.291	ng		92
17) 2-Methylphenol	7.134	107	200569	46.642	ng		98
18) Hexachloroethane	7.393	117	101663	45.395	ng		96
19) n-Nitroso-di-n-propyla...	7.293	70	168488	46.678	ng		99
20) 3+4-Methylphenols	7.287	107	249680	46.569	ng		99
22) Acetophenone	7.287	105	339147	46.215	ng		96
24) Nitrobenzene	7.463	77	249296	45.399	ng		98
25) Isophorone	7.704	82	450133	46.251	ng		99
26) 2-Nitrophenol	7.781	139	144459	48.293	ng		98
27) 2,4-Dimethylphenol	7.816	122	240292	46.375	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	285010	46.063	ng		100
29) 2,4-Dichlorophenol	8.022	162	220959	47.031	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	236242	45.729	ng		100
31) Naphthalene	8.187	128	744925	45.732	ng		99
32) Benzoic acid	7.946	122	144562	54.739	ng		95
33) 4-Chloroaniline	8.234	127	227366	34.327	ng		99
34) Hexachlorobutadiene	8.298	225	142885	45.217	ng		98
35) Caprolactam	8.604	113	66522m	53.658	ng		
36) 4-Chloro-3-methylphenol	8.716	107	222403	47.632	ng		99
37) 2-Methylnaphthalene	8.875	142	469295	46.471	ng		99
38) 1-Methylnaphthalene	8.975	142	482375	46.143	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	235333	45.129	ng		99
41) Hexachlorocyclopentadiene	9.034	237	295408	99.826	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	154803	45.557	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	168681	47.157	ng	99
46) 1,1'-Biphenyl	9.345	154	633495	45.378	ng	100
47) 2-Chloronaphthalene	9.369	162	466586	44.537	ng	99
48) 2-Nitroaniline	9.463	65	142687	48.581	ng	98
49) Acenaphthylene	9.787	152	785696	45.557	ng	100
50) Dimethylphthalate	9.645	163	542318	47.407	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121297	48.282	ng	99
52) Acenaphthene	9.957	154	536313	50.969	ng	100
53) 3-Nitroaniline	9.875	138	103160	37.296	ng	99
54) 2,4-Dinitrophenol	9.987	184	151565	120.487	ng	96
55) Dibenzofuran	10.128	168	689529	45.698	ng	100
56) 4-Nitrophenol	10.039	139	193832	102.360	ng	97
57) 2,4-Dinitrotoluene	10.110	165	166576	49.917	ng	96
58) Fluorene	10.475	166	538352	45.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	138836	48.152	ng	98
60) Diethylphthalate	10.345	149	540496	48.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	257391	45.773	ng	99
62) 4-Nitroaniline	10.492	138	127969	50.586	ng	99
63) Azobenzene	10.622	77	466549	46.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	93535	52.199	ng	98
66) n-Nitrosodiphenylamine	10.581	169	476483	46.409	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	157021	46.573	ng	97
68) Hexachlorobenzene	11.022	284	177313	47.330	ng	98
69) Atrazine	11.110	200	139801	52.729	ng	99
70) Pentachlorophenol	11.216	266	192230	102.973	ng	99
71) Phenanthrene	11.439	178	740309	46.132	ng	100
72) Anthracene	11.486	178	772633	46.945	ng	100
73) Carbazole	11.645	167	680810	47.935	ng	100
74) Di-n-butylphthalate	11.969	149	749689	50.669	ng	100
75) Fluoranthene	12.628	202	713150	46.826	ng	100
77) Benzidine	12.745	184	392395	65.411	ng	100
78) Pyrene	12.857	202	712786	47.626	ng	100
80) Butylbenzylphthalate	13.469	149	226938	52.274	ng	97
81) Benzo(a)anthracene	14.045	228	523674	48.618	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	114897	32.887	ng	99
83) Chrysene	14.080	228	470710	48.974	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	304494	48.749	ng	99
85) Di-n-octyl phthalate	14.645	149	558310	47.403	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	624450	44.982	ng	99
88) Benzo(b)fluoranthene	15.104	252	519564	49.266	ng	100
89) Benzo(k)fluoranthene	15.139	252	476677	48.312	ng	100
90) Benzo(a)pyrene	15.480	252	493806	48.468	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	506271	44.884	ng	99
92) Benzo(g,h,i)perylene	17.515	276	506983	45.075	ng	100

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

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