Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142839.D
Acq On : 25 Jun 2025 15:57
Operator : RC/JU
Sample : PB168601BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168601BS

Quant Time: Jun 25 16:17:47 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	75779	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	274808	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	132637	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	201072	20.000	ng	0.00
76) Chrysene-d12	14.057	240	147361	20.000	ng	0.00
86) Perylene-d12	15.545	264	184315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	537720	118.141	ng	0.01
7) Phenol-d6	6.510	99	611348	113.848	ng	0.00
23) Nitrobenzene-d5	7.439	82	386152	77.075	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	161105	118.032	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	796019	78.840	ng	0.00
79) Terphenyl-d14	12.992	244	660839	61.962	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	67762	37.222	ng	98
3) Pyridine	3.475	79	184116	40.342	ng	99
4) n-Nitrosodimethylamine	3.428	42	102806	43.561	ng	99
6) Aniline	6.540	93	213128	29.829	ng	92
8) 2-Chlorophenol	6.663	128	210361	42.845	ng	99
9) Benzaldehyde	6.428	77	126150	39.597	ng	99
10) Phenol	6.522	94	245098	41.062	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	186285	43.666	ng	99
12) 1,3-Dichlorobenzene	6.816	146	238490	43.433	ng	99
13) 1,4-Dichlorobenzene	6.892	146	243305	43.918	ng	99
14) 1,2-Dichlorobenzene	7.045	146	231457	44.048	ng	99
15) Benzyl Alcohol	7.022	79	162957	41.977	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	291399	42.514	ng	97
17) 2-Methylphenol	7.134	107	154584	41.547	ng	98
18) Hexachloroethane	7.387	117	86781	44.785	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	133756	42.827	ng	100
20) 3+4-Methylphenols	7.287	107	191364	41.251	ng	91
22) Acetophenone	7.287	105	270364	44.614	ng	98
24) Nitrobenzene	7.457	77	201988	44.544	ng	99
25) Isophorone	7.698	82	354436	44.101	ng	100
26) 2-Nitrophenol	7.775	139	114740	46.450	ng	99
27) 2,4-Dimethylphenol	7.816	122	183895	42.978	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	226918	44.411	ng	99
29) 2,4-Dichlorophenol	8.022	162	167520	43.179	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	192694	45.168	ng	99
31) Naphthalene	8.181	128	599634	44.578	ng	100
32) Benzoic acid	7.928	122	97867	44.876	ng	96
33) 4-Chloroaniline	8.234	127	92787	16.964	ng	98
34) Hexachlorobutadiene	8.298	225	120739	46.269	ng	99
35) Caprolactam	8.598	113	43848	42.830	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	157573	40.867	ng	100
37) 2-Methylnaphthalene	8.875	142	362264	43.440	ng	100
38) 1-Methylnaphthalene	8.975	142	373442	43.258	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	185507	47.400	ng	99
41) Hexachlorocyclopentadiene	9.028	237	226737	102.091	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	113915	44.668	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	118294	44.064	ng	99
46) 1,1'-Biphenyl	9.339	154	485020	46.291	ng	100
47) 2-Chloronaphthalene	9.363	162	355587	45.225	ng	100
48) 2-Nitroaniline	9.463	65	95641	43.388	ng	96
49) Acenaphthylene	9.781	152	578483	44.692	ng	99
50) Dimethylphthalate	9.639	163	383618	44.681	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83401	44.233	ng	97
52) Acenaphthene	9.951	154	386282	48.914	ng	100
53) 3-Nitroaniline	9.869	138	47033	22.656	ng	99
54) 2,4-Dinitrophenol	9.980	184	91154	96.551	ng	99
55) Dibenzofuran	10.128	168	498929	44.058	ng	99
56) 4-Nitrophenol	10.039	139	119930	84.387	ng	98
57) 2,4-Dinitrotoluene	10.110	165	110607	44.163	ng	99
58) Fluorene	10.469	166	381766	43.166	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	94664	43.746	ng	96
60) Diethylphthalate	10.339	149	374487	44.486	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	184980	43.831	ng	99
62) 4-Nitroaniline	10.486	138	78627	41.413	ng	98
63) Azobenzene	10.622	77	316690	42.092	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	58716	48.278	ng	94
66) n-Nitrosodiphenylamine	10.580	169	325101	46.652	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	109098	47.675	ng	98
68) Hexachlorobenzene	11.016	284	120002	47.193	ng	98
69) Atrazine	11.104	200	93915	52.189	ng	99
70) Pentachlorophenol	11.216	266	118039	93.159	ng	98
71) Phenanthrene	11.433	178	493078	45.269	ng	99
72) Anthracene	11.486	178	508495	45.520	ng	100
73) Carbazole	11.639	167	444907	46.152	ng	100
74) Di-n-butylphthalate	11.969	149	518753	51.656	ng	100
75) Fluoranthene	12.621	202	482438	46.670	ng	100
77) Benzidine	12.745	184	243534	43.987	ng	99
78) Pyrene	12.857	202	486813	35.244	ng	100
80) Butylbenzylphthalate	13.469	149	210760	52.602	ng	96
81) Benzo(a)anthracene	14.045	228	452476	45.516	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	64332	19.951	ng	98
83) Chrysene	14.080	228	411802	46.423	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	318139	55.187	ng	99
85) Di-n-octyl phthalate	14.639	149	578638	53.232	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	603239	42.968	ng	99
88) Benzo(b)fluoranthene	15.110	252	497308	46.629	ng	100
89) Benzo(k)fluoranthene	15.139	252	476932	47.797	ng	99
90) Benzo(a)pyrene	15.486	252	485264	47.097	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	488418	42.817	ng	99
92) Benzo(g,h,i)perylene	17.515	276	484905	42.630	ng	100

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

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