Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 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	83905	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	314873	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	163617	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	262901	20.000	ng		0.00
76) Chrysene-d12	14.057	240	161274	20.000	ng		0.00
86) Perylene-d12	15.545	264	186310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	576444	114.384	ng		0.01
7) Phenol-d6	6.510	99	679158	114.227	ng		0.00
23) Nitrobenzene-d5	7.439	82	422392	73.581	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	200044	118.810	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	913001	73.304	ng		0.00
79) Terphenyl-d14	12.998	244	819614	70.220	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	71512	35.478	ng		100
3) Pyridine	3.481	79	190043	37.608	ng		99
4) n-Nitrosodimethylamine	3.434	42	109363	41.851	ng		98
6) Aniline	6.539	93	236875	29.941	ng	#	88
8) 2-Chlorophenol	6.663	128	231442	42.574	ng		98
9) Benzaldehyde	6.428	77	136379	38.662	ng		99
10) Phenol	6.528	94	271397	41.064	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	204284	43.247	ng		99
12) 1,3-Dichlorobenzene	6.816	146	254453	41.852	ng		99
13) 1,4-Dichlorobenzene	6.892	146	259276	42.268	ng		99
14) 1,2-Dichlorobenzene	7.045	146	248525	42.716	ng		99
15) Benzyl Alcohol	7.022	79	184691	42.968	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313301	41.283	ng		96
17) 2-Methylphenol	7.134	107	175342	42.562	ng		98
18) Hexachloroethane	7.386	117	90464	42.164	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	148995	43.087	ng		97
20) 3+4-Methylphenols	7.286	107	215831	42.019	ng		95
22) Acetophenone	7.286	105	299487	43.132	ng		98
24) Nitrobenzene	7.463	77	220303	42.401	ng		97
25) Isophorone	7.698	82	400821	43.526	ng		100
26) 2-Nitrophenol	7.775	139	127170	44.931	ng		99
27) 2,4-Dimethylphenol	7.816	122	207492	42.323	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	253828	43.356	ng		99
29) 2,4-Dichlorophenol	8.022	162	193429	43.513	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	209755	42.911	ng		99
31) Naphthalene	8.186	128	660099	42.829	ng		100
32) Benzoic acid	7.933	122	119403	47.784	ng		96
33) 4-Chloroaniline	8.233	127	113762	18.153	ng		98
34) Hexachlorobutadiene	8.298	225	130012	43.483	ng		99
35) Caprolactam	8.604	113	55659m	47.449	ng		
36) 4-Chloro-3-methylphenol	8.716	107	189948	42.995	ng		99
37) 2-Methylnaphthalene	8.875	142	410789	42.991	ng		100
38) 1-Methylnaphthalene	8.975	142	427339	43.203	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	210803	43.664	ng		99
41) Hexachlorocyclopentadiene	9.028	237	253259	92.441	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	133329	42.382	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	143578	43.356	ng	99
46) 1,1'-Biphenyl	9.339	154	560823	43.391	ng	100
47) 2-Chloronaphthalene	9.369	162	411944	42.472	ng	100
48) 2-Nitroaniline	9.463	65	117627	43.258	ng	96
49) Acenaphthylene	9.780	152	679599	42.563	ng	100
50) Dimethylphthalate	9.639	163	469688	44.348	ng	99
51) 2,6-Dinitrotoluene	9.704	165	103346	44.433	ng	99
52) Acenaphthene	9.957	154	458819	47.098	ng	100
53) 3-Nitroaniline	9.875	138	62001	24.211	ng	98
54) 2,4-Dinitrophenol	9.986	184	124838	107.193	ng	97
55) Dibenzofuran	10.127	168	593301	42.471	ng	100
56) 4-Nitrophenol	10.039	139	160652	91.637	ng	99
57) 2,4-Dinitrotoluene	10.110	165	139310	45.092	ng	98
58) Fluorene	10.469	166	464422	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112475	42.135	ng	98
60) Diethylphthalate	10.339	149	467604	45.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	220965	42.444	ng	99
62) 4-Nitroaniline	10.492	138	102121	43.603	ng	97
63) Azobenzene	10.622	77	398817	42.971	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76429	48.062	ng	97
66) n-Nitrosodiphenylamine	10.580	169	404954	44.444	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135948	45.436	ng	96
68) Hexachlorobenzene	11.022	284	147569	44.386	ng	98
69) Atrazine	11.110	200	120913	51.389	ng	99
70) Pentachlorophenol	11.216	266	156013	94.172	ng	98
71) Phenanthrene	11.433	178	630354	44.262	ng	99
72) Anthracene	11.486	178	645095	44.167	ng	99
73) Carbazole	11.639	167	565561	44.871	ng	100
74) Di-n-butylphthalate	11.969	149	664599	50.615	ng	100
75) Fluoranthene	12.627	202	619349	45.824	ng	99
77) Benzidine	12.745	184	246655	40.707	ng	100
78) Pyrene	12.857	202	609983	40.351	ng	100
80) Butylbenzylphthalate	13.468	149	225717	51.475	ng	98
81) Benzo(a)anthracene	14.045	228	487545	44.813	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	69101	19.582	ng	99
83) Chrysene	14.080	228	445178	45.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	324650	51.458	ng	100
85) Di-n-octyl phthalate	14.645	149	577036	48.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	597719	42.119	ng	99
88) Benzo(b)fluoranthene	15.109	252	490465	45.495	ng	99
89) Benzo(k)fluoranthene	15.139	252	472041	46.801	ng	99
90) Benzo(a)pyrene	15.486	252	476585	45.760	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	488845	42.396	ng	99
92) Benzo(g,h,i)perylene	17.521	276	490223	42.636	ng	99

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

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