Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143282.D
Acq On : 01 Aug 2025 15:05
Operator : RC/JU
Sample : PB169087BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Quant Time: Aug 01 15:30:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	107274	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	412890	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	188744	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	317992	20.000	ng		0.00
76) Chrysene-d12	14.127	240	191263	20.000	ng		0.00
86) Perylene-d12	15.627	264	198657	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	889664	131.240	ng		0.02
7) Phenol-d6	6.592	99	1096636	128.524	ng		0.00
23) Nitrobenzene-d5	7.516	82	703470	84.928	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	262982	134.874	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1129466	81.840	ng		0.00
79) Terphenyl-d14	13.068	244	1291057	100.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	131190	40.899	ng		99
3) Pyridine	3.646	79	350739	42.128	ng		98
4) n-Nitrosodimethylamine	3.587	42	195922	45.579	ng		97
6) Aniline	6.622	93	340144	28.604	ng		98
8) 2-Chlorophenol	6.745	128	315096	44.344	ng		98
9) Benzaldehyde	6.510	77	202047	31.579	ng		99
10) Phenol	6.604	94	429004	46.153	ng		96
11) bis(2-Chloroethyl)ether	6.692	93	310729	43.659	ng		99
12) 1,3-Dichlorobenzene	6.904	146	327981	42.490	ng		99
13) 1,4-Dichlorobenzene	6.981	146	337926	43.471	ng		99
14) 1,2-Dichlorobenzene	7.134	146	323879	43.806	ng		99
15) Benzyl Alcohol	7.098	79	284799	43.714	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	562292	42.590	ng		98
17) 2-Methylphenol	7.210	107	272647	45.634	ng		100
18) Hexachloroethane	7.475	117	120665	44.839	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	232055	42.391	ng		99
20) 3+4-Methylphenols	7.357	107	313721	43.279	ng	#	83
22) Acetophenone	7.363	105	425493	43.528	ng		96
24) Nitrobenzene	7.539	77	381344	49.381	ng		100
25) Isophorone	7.775	82	694419	47.490	ng		98
26) 2-Nitrophenol	7.851	139	181842	54.256	ng		98
27) 2,4-Dimethylphenol	7.886	122	299296	43.810	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	387678	44.219	ng		99
29) 2,4-Dichlorophenol	8.098	162	257480	44.691	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	272976	43.856	ng		99
31) Naphthalene	8.263	128	906176	44.564	ng		100
32) Benzoic acid	7.998	122	162165	42.771	ng		99
33) 4-Chloroaniline	8.304	127	107302	12.923	ng		99
34) Hexachlorobutadiene	8.381	225	168633	44.350	ng		99
35) Caprolactam	8.669	113	88583m	50.881	ng		
36) 4-Chloro-3-methylphenol	8.786	107	280867	44.852	ng		99
37) 2-Methylnaphthalene	8.957	142	556698	44.990	ng		99
38) 1-Methylnaphthalene	9.057	142	587013	46.070	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	282723	51.883	ng		98
41) Hexachlorocyclopentadiene	9.116	237	350557	98.869	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	186291	49.396	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	185358	49.134	ng		97
46) 1,1'-Biphenyl	9.416	154	655581	44.519	ng		100
47) 2-Chloronaphthalene	9.445	162	476202	43.704	ng		100
48) 2-Nitroaniline	9.533	65	161594	47.292	ng		99
49) Acenaphthylene	9.863	152	803796	44.019	ng		100
50) Dimethylphthalate	9.716	163	563927	45.837	ng		99
51) 2,6-Dinitrotoluene	9.775	165	123173	49.215	ng		98
52) Acenaphthene	10.033	154	517096	47.913	ng		99
53) 3-Nitroaniline	9.939	138	68230	23.307	ng		99
54) 2,4-Dinitrophenol	10.051	184	115140	99.715	ng	#	1
55) Dibenzofuran	10.204	168	700681	43.728	ng		100
56) 4-Nitrophenol	10.104	139	186331	85.238	ng		99
57) 2,4-Dinitrotoluene	10.180	165	163576	52.095	ng		94
58) Fluorene	10.545	166	537544	44.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	147655	47.250	ng		98
60) Diethylphthalate	10.416	149	558890	45.961	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	272544	45.514	ng		99
62) 4-Nitroaniline	10.557	138	120518	48.036	ng		98
63) Azobenzene	10.698	77	554123	43.722	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	81188	48.624	ng		99
66) n-Nitrosodiphenylamine	10.651	169	474686	42.392	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	166447	43.922	ng		100
68) Hexachlorobenzene	11.098	284	171289	43.244	ng		98
69) Atrazine	11.174	200	151766	49.162	ng		98
70) Pentachlorophenol	11.292	266	194896	83.669	ng		98
71) Phenanthrene	11.510	178	733649	43.451	ng		100
72) Anthracene	11.563	178	749411	43.519	ng		100
73) Carbazole	11.710	167	677874	45.082	ng		99
74) Di-n-butylphthalate	12.039	149	933320	54.856	ng		100
75) Fluoranthene	12.698	202	827855	53.418	ng		100
77) Benzidine	12.810	184	283968	38.536	ng		99
78) Pyrene	12.927	202	905717	55.486	ng		100
80) Butylbenzylphthalate	13.539	149	325108	65.042	ng		98
81) Benzo(a)anthracene	14.115	228	571735	44.649	ng		100
82) 3,3'-Dichlorobenzidine	14.068	252	89750	21.030	ng		98
83) Chrysene	14.151	228	515031	44.735	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	370304	48.946	ng		100
85) Di-n-octyl phthalate	14.715	149	601029	43.827	ng		98
87) Indeno(1,2,3-cd)pyrene	17.174	276	626497	44.724	ng		97
88) Benzo(b)fluoranthene	15.186	252	530622	43.722	ng		99
89) Benzo(k)fluoranthene	15.215	252	532643	49.184	ng		99
90) Benzo(a)pyrene	15.568	252	509069	45.527	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	504080	44.211	ng		98
92) Benzo(g,h,i)perylene	17.639	276	491918	44.602	ng		98

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

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