Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141933.D
Acq On : 12 Mar 2025 11:06
Operator : RC/JU
Sample : PB167089BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167089BS

Quant Time: Mar 12 11:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	148185	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	574643	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	321155	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	536443	20.000	ng		0.00
76) Chrysene-d12	14.039	240	372000	20.000	ng		0.00
86) Perylene-d12	15.509	264	338585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1226516	138.138	ng		0.02
7) Phenol-d6	6.504	99	1513999	133.926	ng		0.00
23) Nitrobenzene-d5	7.445	82	1010849	98.994	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	599334	147.102	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2070832	98.063	ng		0.00
79) Terphenyl-d14	12.986	244	2430925	96.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	163187	43.864	ng		99
3) Pyridine	3.510	79	374854	41.077	ng		100
4) n-Nitrosodimethylamine	3.451	42	193412	44.462	ng		100
6) Aniline	6.545	93	431458	38.689	ng		99
8) 2-Chlorophenol	6.663	128	454139	46.118	ng		100
9) Benzaldehyde	6.434	77	140555	22.231	ng		99
10) Phenol	6.522	94	530153	44.577	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	400639	44.863	ng		99
12) 1,3-Dichlorobenzene	6.822	146	488060	45.908	ng		99
13) 1,4-Dichlorobenzene	6.898	146	490575	45.607	ng		100
14) 1,2-Dichlorobenzene	7.051	146	470691	46.458	ng		99
15) Benzyl Alcohol	7.016	79	398351	43.587	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	465995	43.223	ng		100
17) 2-Methylphenol	7.128	107	358646	45.806	ng		99
18) Hexachloroethane	7.392	117	183301	45.443	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	309013	42.540	ng		99
20) 3+4-Methylphenols	7.281	107	451778	45.048	ng	#	90
22) Acetophenone	7.287	105	687250	49.941	ng		97
24) Nitrobenzene	7.463	77	467944	46.098	ng		99
25) Isophorone	7.698	82	850583	47.124	ng		99
26) 2-Nitrophenol	7.775	139	239671	48.106	ng		99
27) 2,4-Dimethylphenol	7.810	122	387374	56.466	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	501289	44.279	ng		99
29) 2,4-Dichlorophenol	8.016	162	385481	45.270	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	427516	45.558	ng		99
31) Naphthalene	8.186	128	1321235	44.760	ng		100
32) Benzoic acid	7.922	122	317837m	52.706	ng		
33) 4-Chloroaniline	8.228	127	206292	19.797	ng		99
34) Hexachlorobutadiene	8.298	225	284074	46.419	ng		99
35) Caprolactam	8.592	113	126171m	48.601	ng		
36) 4-Chloro-3-methylphenol	8.704	107	418572	44.066	ng		100
37) 2-Methylnaphthalene	8.875	142	854174	43.292	ng		99
38) 1-Methylnaphthalene	8.975	142	827198	43.446	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	500018	51.138	ng		98
41) Hexachlorocyclopentadiene	9.028	237	664678	173.697	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	291035	45.544	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	294986	45.578	ng		98
46) 1,1'-Biphenyl	9.339	154	1230333	50.420	ng		100
47) 2-Chloronaphthalene	9.363	162	838808	46.119	ng		99
48) 2-Nitroaniline	9.457	65	243037	46.151	ng		99
49) Acenaphthylene	9.780	152	1302110	48.244	ng		99
50) Dimethylphthalate	9.639	163	985182	43.806	ng		100
51) 2,6-Dinitrotoluene	9.698	165	215955	46.119	ng		95
52) Acenaphthene	9.951	154	963331	50.789	ng		99
53) 3-Nitroaniline	9.863	138	130937	27.567	ng		99
54) 2,4-Dinitrophenol	9.975	184	249881	92.778	ng	#	47
55) Dibenzofuran	10.122	168	1183906	43.683	ng		99
56) 4-Nitrophenol	10.022	139	358943	100.208	ng		99
57) 2,4-Dinitrotoluene	10.104	165	295215	48.270	ng		98
58) Fluorene	10.469	166	938488	44.903	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	263211	44.693	ng		98
60) Diethylphthalate	10.339	149	956472	42.652	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	485785	44.582	ng		97
62) 4-Nitroaniline	10.480	138	210817	45.589	ng		99
63) Azobenzene	10.616	77	887870	42.586	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	158758	49.643	ng		97
66) n-Nitrosodiphenylamine	10.575	169	801999	46.199	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	306016	45.422	ng		99
68) Hexachlorobenzene	11.016	284	349522	47.303	ng		95
69) Atrazine	11.104	200	321762	60.462	ng		99
70) Pentachlorophenol	11.204	266	442905	97.286	ng		100
71) Phenanthrene	11.427	178	1358818	46.896	ng		99
72) Anthracene	11.480	178	1397984	48.091	ng		100
73) Carbazole	11.633	167	1169195	46.637	ng		100
74) Di-n-butylphthalate	11.963	149	1444680	43.430	ng		100
75) Fluoranthene	12.616	202	1382763	44.989	ng		100
77) Benzidine	12.733	184	476569	91.823	ng		99
78) Pyrene	12.845	202	1389481	43.181	ng		99
80) Butylbenzylphthalate	13.463	149	545094	43.280	ng		99
81) Benzo(a)anthracene	14.027	228	1168294	47.860	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	198547	28.145	ng		99
83) Chrysene	14.068	228	1023528	46.256	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	740231	42.627	ng		99
85) Di-n-octyl phthalate	14.633	149	1140036	47.183	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1166022	53.237	ng		99
88) Benzo(b)fluoranthene	15.080	252	1052581	45.360	ng		100
89) Benzo(k)fluoranthene	15.110	252	863670	43.492	ng		100
90) Benzo(a)pyrene	15.451	252	901397	49.644	ng		100
91) Dibenzo(a,h)anthracene	17.021	278	959924	53.119	ng		100
92) Benzo(g,h,i)perylene	17.456	276	911236	51.026	ng		98

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

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