Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141959.D
Acq On : 14 Mar 2025 12:08
Operator : RC/JU
Sample : PB167123BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167123BS

Quant Time: Mar 14 12:52:42 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	6.875	152	146987	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	579430	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	317948	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	536056	20.000	ng	0.00
76) Chrysene-d12	14.033	240	304640	20.000	ng	0.00
86) Perylene-d12	15.504	264	308592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1293084	146.823	ng	0.01
7) Phenol-d6	6.504	99	1565135	139.577	ng	0.00
23) Nitrobenzene-d5	7.440	82	1051880	102.162	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	646063	160.171	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2175801	104.073	ng	0.00
79) Terphenyl-d14	12.980	244	2372376	115.134	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	173466	47.007	ng	97
3) Pyridine	3.516	79	399765	44.164	ng	98
4) n-Nitrosodimethylamine	3.463	42	198171	45.927	ng	95
6) Aniline	6.540	93	415829	37.591	ng	100
8) 2-Chlorophenol	6.663	128	474317	48.560	ng	98
9) Benzaldehyde	6.428	77	139776	22.288	ng	100
10) Phenol	6.516	94	550149	46.635	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	414467	46.790	ng	100
12) 1,3-Dichlorobenzene	6.816	146	503900	47.784	ng	100
13) 1,4-Dichlorobenzene	6.893	146	515079	48.275	ng	100
14) 1,2-Dichlorobenzene	7.045	146	487784	48.537	ng	99
15) Benzyl Alcohol	7.016	79	413036	45.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	473710	44.296	ng	99
17) 2-Methylphenol	7.122	107	367506	47.320	ng	99
18) Hexachloroethane	7.393	117	193179	48.282	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	314440	43.640	ng	99
20) 3+4-Methylphenols	7.275	107	463958	46.640	ng	92
22) Acetophenone	7.287	105	708143	51.034	ng	99
24) Nitrobenzene	7.457	77	485361	47.419	ng	99
25) Isophorone	7.692	82	869167	47.756	ng	99
26) 2-Nitrophenol	7.775	139	247516	49.270	ng	99
27) 2,4-Dimethylphenol	7.804	122	404304	58.447	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	522165	45.742	ng	99
29) 2,4-Dichlorophenol	8.010	162	399100	46.482	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	447871	47.333	ng	98
31) Naphthalene	8.181	128	1363293	45.803	ng	100
32) Benzoic acid	7.922	122	303933m	49.984	ng	
33) 4-Chloroaniline	8.222	127	196874	18.737	ng	97
34) Hexachlorobutadiene	8.298	225	300781	48.743	ng	99
35) Caprolactam	8.592	113	130049m	49.681	ng	
36) 4-Chloro-3-methylphenol	8.704	107	428670	44.756	ng	98
37) 2-Methylnaphthalene	8.869	142	886045	44.536	ng	99
38) 1-Methylnaphthalene	8.969	142	855698	44.572	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	526860	54.426	ng	98
41) Hexachlorocyclopentadiene	9.022	237	644437	170.106	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	308988	48.841	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	316851	49.451	ng		99
46) 1,1'-Biphenyl	9.334	154	1266768	52.436	ng		100
47) 2-Chloronaphthalene	9.357	162	867290	48.166	ng		99
48) 2-Nitroaniline	9.451	65	248859	47.733	ng		99
49) Acenaphthylene	9.775	152	1337571	50.058	ng		100
50) Dimethylphthalate	9.634	163	1031360	46.322	ng		100
51) 2,6-Dinitrotoluene	9.692	165	225946	48.739	ng		97
52) Acenaphthene	9.945	154	995597	53.019	ng		99
53) 3-Nitroaniline	9.863	138	123349	26.231	ng		97
54) 2,4-Dinitrophenol	9.969	184	244830	91.888	ng	#	49
55) Dibenzofuran	10.122	168	1221524	45.526	ng		98
56) 4-Nitrophenol	10.022	139	352071	99.281	ng		97
57) 2,4-Dinitrotoluene	10.098	165	311013	51.366	ng		97
58) Fluorene	10.463	166	969998	46.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	278496	47.765	ng		98
60) Diethylphthalate	10.333	149	1018550	45.878	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	506786	46.978	ng		99
62) 4-Nitroaniline	10.475	138	207809	45.392	ng		99
63) Azobenzene	10.616	77	921954	44.667	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	159437	49.892	ng		99
66) n-Nitrosodiphenylamine	10.575	169	844325	48.673	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	327538	48.652	ng		97
68) Hexachlorobenzene	11.010	284	375501	50.855	ng		95
69) Atrazine	11.098	200	331244	62.289	ng		98
70) Pentachlorophenol	11.198	266	454891	99.991	ng		99
71) Phenanthrene	11.422	178	1414851	48.865	ng		99
72) Anthracene	11.475	178	1434301	49.376	ng		100
73) Carbazole	11.628	167	1161650	46.370	ng		100
74) Di-n-butylphthalate	11.957	149	1481152	44.558	ng		99
75) Fluoranthene	12.610	202	1365159	44.448	ng		99
77) Benzidine	12.727	184	363769	85.587	ng		99
78) Pyrene	12.839	202	1341626	50.912	ng		99
80) Butylbenzylphthalate	13.457	149	459672	44.567	ng		98
81) Benzo(a)anthracene	14.021	228	1021663	51.107	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	179326	31.041	ng		99
83) Chrysene	14.063	228	862379	47.591	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	571961	40.220	ng		99
85) Di-n-octyl phthalate	14.627	149	901188	45.544	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1163800	58.300	ng		98
88) Benzo(b)fluoranthene	15.074	252	878789	41.551	ng		100
89) Benzo(k)fluoranthene	15.104	252	876332	48.418	ng		99
90) Benzo(a)pyrene	15.445	252	859437	51.934	ng		99
91) Dibenzo(a,h)anthracene	17.010	278	953863	57.913	ng		98
92) Benzo(g,h,i)perylene	17.445	276	891937	54.800	ng		98

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

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