Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142013.D
Acq On : 20 Mar 2025 16:07
Operator : RC/JU
Sample : Q1606-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Quant Time: Mar 20 16:31:35 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	152731	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	575838	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	299248	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	397242	20.000	ng		0.00
76) Chrysene-d12	14.039	240	303911	20.000	ng		0.00
86) Perylene-d12	15.510	264	362981	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	866335	94.668	ng		0.00
7) Phenol-d6	6.498	99	1072593	92.056	ng		0.00
23) Nitrobenzene-d5	7.434	82	697501	68.166	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	329752	86.860	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1330230	67.604	ng		0.00
79) Terphenyl-d14	12.980	244	925946	45.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	172410	44.964	ng		97
3) Pyridine	3.475	79	382624	40.681	ng		98
4) n-Nitrosodimethylamine	3.422	42	189289	42.219	ng		98
6) Aniline	6.534	93	277425	24.136	ng		92
8) 2-Chlorophenol	6.657	128	451719	44.507	ng		98
9) Benzaldehyde	6.422	77	124465	19.100	ng		96
10) Phenol	6.516	94	523802	42.732	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	390902	42.470	ng		99
12) 1,3-Dichlorobenzene	6.816	146	487439	44.485	ng		99
13) 1,4-Dichlorobenzene	6.892	146	488536	44.065	ng		99
14) 1,2-Dichlorobenzene	7.045	146	469988	45.007	ng		98
15) Benzyl Alcohol	7.016	79	388189	41.211	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	434548	39.106	ng		96
17) 2-Methylphenol	7.122	107	348445	43.179	ng		99
18) Hexachloroethane	7.387	117	184543	44.389	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	294739	39.368	ng		99
20) 3+4-Methylphenols	7.275	107	440386	42.605	ng	#	86
22) Acetophenone	7.281	105	666766	48.352	ng		96
24) Nitrobenzene	7.457	77	454806	44.711	ng		99
25) Isophorone	7.692	82	815432	45.083	ng		99
26) 2-Nitrophenol	7.769	139	237681	47.607	ng		99
27) 2,4-Dimethylphenol	7.804	122	368159	53.554	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	492464	43.410	ng		99
29) 2,4-Dichlorophenol	8.010	162	370565	43.428	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	419357	44.596	ng		99
31) Naphthalene	8.181	128	1386811	46.884	ng		100
32) Benzoic acid	7.898	122	165709	27.422	ng		98
33) 4-Chloroaniline	8.222	127	124789	11.951	ng		98
34) Hexachlorobutadiene	8.292	225	285339	46.529	ng		99
35) Caprolactam	8.592	113	104077	40.007	ng		92
36) 4-Chloro-3-methylphenol	8.704	107	377361	39.645	ng		97
37) 2-Methylnaphthalene	8.869	142	823427	41.647	ng		100
38) 1-Methylnaphthalene	8.969	142	790016	41.407	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	479779	52.660	ng		98
41) Hexachlorocyclopentadiene	9.022	237	505880	141.877	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	267098	44.858	ng		99

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44) 2,4,5-Trichlorophenol	9.186	196	272559	45.196	ng		99
46) 1,1'-Biphenyl	9.333	154	1152112	50.671	ng		100
47) 2-Chloronaphthalene	9.357	162	779578	46.000	ng		98
48) 2-Nitroaniline	9.451	65	208295	42.449	ng		96
49) Acenaphthylene	9.775	152	1166082	46.367	ng		100
50) Dimethylphthalate	9.633	163	918104	43.812	ng		100
51) 2,6-Dinitrotoluene	9.692	165	192071	44.021	ng		95
52) Acenaphthene	9.945	154	810682	45.870	ng		99
53) 3-Nitroaniline	9.863	138	117949	26.650	ng		97
54) 2,4-Dinitrophenol	9.969	184	135668	56.803	ng	#	48
55) Dibenzofuran	10.116	168	1047331	41.473	ng		99
56) 4-Nitrophenol	10.016	139	228793	68.549	ng		98
57) 2,4-Dinitrotoluene	10.098	165	250441	43.947	ng		95
58) Fluorene	10.463	166	796062	40.877	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	208493	37.993	ng		98
60) Diethylphthalate	10.333	149	872296	41.746	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	427655	42.120	ng		98
62) 4-Nitroaniline	10.475	138	141021	32.728	ng		97
63) Azobenzene	10.610	77	848737	43.689	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	103131	43.550	ng		95
66) n-Nitrosodiphenylamine	10.569	169	675393	52.540	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	249011	49.913	ng		99
68) Hexachlorobenzene	11.010	284	271693	49.654	ng		96
69) Atrazine	11.092	200	240874	61.123	ng		100
70) Pentachlorophenol	11.198	266	265621	78.790	ng		100
71) Phenanthrene	11.422	178	975078	45.445	ng		99
72) Anthracene	11.474	178	1000107	46.460	ng		99
73) Carbazole	11.627	167	731412	39.398	ng		100
74) Di-n-butylphthalate	11.957	149	1047061	42.506	ng		99
75) Fluoranthene	12.610	202	860248	37.796	ng		99
77) Benzidine	12.727	184	206553	48.714	ng		99
78) Pyrene	12.839	202	874347	33.260	ng		99
80) Butylbenzylphthalate	13.457	149	360776	35.063	ng		99
81) Benzo(a)anthracene	14.027	228	909251	45.593	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	135543	23.519	ng		98
83) Chrysene	14.063	228	811226	44.875	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	528102	37.225	ng		99
85) Di-n-octyl phthalate	14.627	149	1002694	50.796	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	860142	36.632	ng		98
88) Benzo(b)fluoranthene	15.080	252	983960	39.553	ng		99
89) Benzo(k)fluoranthene	15.110	252	882542	41.455	ng		99
90) Benzo(a)pyrene	15.445	252	900988	46.287	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	702231	36.247	ng		99
92) Benzo(g,h,i)perylene	17.445	276	588725	30.751	ng		98

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

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