Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
Data File : BF142320.D
Acq On : 12 May 2025 15:13
Operator : RC/JU
Sample : Q1964-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-LLMS

Quant Time: May 12 15:36:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	233087	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	891763	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	479961	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	771845	20.000	ng	0.00
76) Chrysene-d12	14.069	240	448953	20.000	ng	0.00
86) Perylene-d12	15.557	264	455067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1585136	116.092	ng	0.02
7) Phenol-d6	6.528	99	1922896	114.502	ng	0.00
23) Nitrobenzene-d5	7.469	82	1190289	81.403	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	619157	133.614	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2442681	72.568	ng	0.00
79) Terphenyl-d14	13.016	244	2175549	71.723	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	199024	32.368	ng	# 83
3) Pyridine	3.569	79	469492	32.522	ng	97
4) n-Nitrosodimethylamine	3.516	42	312770	37.278	ng	96
6) Aniline	6.575	93	328637	19.951	ng	99
8) 2-Chlorophenol	6.693	128	630089	43.184	ng	98
9) Benzaldehyde	6.457	77	125016	12.719	ng	99
10) Phenol	6.546	94	728950	40.949	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	628146	35.782	ng	99
12) 1,3-Dichlorobenzene	6.846	146	595716	35.687	ng	99
13) 1,4-Dichlorobenzene	6.922	146	611815	36.504	ng	100
14) 1,2-Dichlorobenzene	7.075	146	596817	37.098	ng	99
15) Benzyl Alcohol	7.045	79	490200	45.078	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1014865	38.713	ng	99
17) 2-Methylphenol	7.151	107	513697	43.486	ng	100
18) Hexachloroethane	7.416	117	199081	35.700	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	426939	41.100	ng	100
20) 3+4-Methylphenols	7.304	107	633758	42.987	ng	96
22) Acetophenone	7.316	105	818731	41.292	ng	99
24) Nitrobenzene	7.487	77	603111	43.757	ng	98
25) Isophorone	7.722	82	1187704	42.894	ng	99
26) 2-Nitrophenol	7.798	139	264547	40.516	ng	97
27) 2,4-Dimethylphenol	7.834	122	612670	44.009	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	753527	42.322	ng	100
29) 2,4-Dichlorophenol	8.040	162	544969	46.045	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	541759	40.673	ng	99
31) Naphthalene	8.210	128	1765188	40.842	ng	100
32) Benzoic acid	7.945	122	291287m	40.998	ng	
33) 4-Chloroaniline	8.281	127	96818	5.490	ng	98
34) Hexachlorobutadiene	8.328	225	318036	40.322	ng	99
35) Caprolactam	8.622	113	129173m	37.448	ng	
36) 4-Chloro-3-methylphenol	8.734	107	560160	45.530	ng	99
37) 2-Methylnaphthalene	8.898	142	1128541	42.022	ng	99
38) 1-Methylnaphthalene	8.998	142	1173028	41.907	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	559572	41.744	ng	98
41) Hexachlorocyclopentadiene	9.051	237	626040	75.568	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	386694	45.734	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	420012	46.686	ng		99
46) 1,1'-Biphenyl	9.363	154	1545515	41.997	ng		99
47) 2-Chloronaphthalene	9.386	162	1144986	41.837	ng		99
48) 2-Nitroaniline	9.481	65	332000	47.328	ng		96
49) Acenaphthylene	9.804	152	1941207	42.401	ng		99
50) Dimethylphthalate	9.663	163	1465302	47.544	ng		100
51) 2,6-Dinitrotoluene	9.722	165	287969	49.918	ng		97
52) Acenaphthene	9.975	154	1237699	44.961	ng		98
53) 3-Nitroaniline	9.892	138	156336	23.107	ng		96
54) 2,4-Dinitrophenol	9.998	184	236181	78.422	ng	#	1
55) Dibenzofuran	10.151	168	1718071	42.289	ng		100
56) 4-Nitrophenol	10.045	139	428313	84.114	ng		99
57) 2,4-Dinitrotoluene	10.128	165	390450	52.764	ng		97
58) Fluorene	10.492	166	1289295	41.584	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	353082	47.542	ng		97
60) Diethylphthalate	10.363	149	1372654	44.598	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	635045	42.454	ng		98
62) 4-Nitroaniline	10.510	138	281425	52.482	ng		99
63) Azobenzene	10.645	77	1250271	42.510	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	150245	42.693	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1163085	45.284	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	405047	46.304	ng		97
68) Hexachlorobenzene	11.039	284	444160	46.160	ng		97
69) Atrazine	11.128	200	334012	49.334	ng		99
70) Pentachlorophenol	11.233	266	496503	98.086	ng		98
71) Phenanthrene	11.457	178	1752383	43.313	ng		100
72) Anthracene	11.504	178	1778110	42.773	ng		100
73) Carbazole	11.657	167	1567216	42.021	ng		100
74) Di-n-butylphthalate	11.992	149	1942503	49.531	ng		100
75) Fluoranthene	12.639	202	1645689	40.692	ng		100
77) Benzidine	12.763	184	190233	23.316	ng		99
78) Pyrene	12.869	202	1620109	40.542	ng		100
80) Butylbenzylphthalate	13.486	149	599962	51.183	ng		97
81) Benzo(a)anthracene	14.057	228	1264448	43.490	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	214514	31.727	ng		99
83) Chrysene	14.098	228	1224561	45.243	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	805853	52.615	ng		99
85) Di-n-octyl phthalate	14.663	149	1287515	47.181	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1119618	35.368	ng		100
88) Benzo(b)fluoranthene	15.121	252	1212403	43.989	ng		99
89) Benzo(k)fluoranthene	15.151	252	1253734	49.707	ng		100
90) Benzo(a)pyrene	15.498	252	1165200	47.178	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	890890	34.065	ng		99
92) Benzo(g,h,i)perylene	17.521	276	878039	33.827	ng		99

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

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