Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024564.D
Acq On : 07 May 2025 15:21
Operator : RC/JU
Sample : Q1947-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-PMS

Quant Time: May 07 15:44:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	137431	20.000	ng		-0.02
21) Naphthalene-d8	10.469	136	539851	20.000	ng		#-0.03
39) Acenaphthene-d10	14.334	164	350229	20.000	ng		-0.02
64) Phenanthrene-d10	17.128	188	716225	20.000	ng		-0.02
76) Chrysene-d12	21.580	240	833845	20.000	ng		#-0.01
86) Perylene-d12	24.915	264	967952	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1022841	123.060	ng		-0.01
7) Phenol-d6	6.893	99	1179744	103.658	ng		-0.02
23) Nitrobenzene-d5	8.852	82	842653	89.004	ng		-0.02
42) 2,4,6-Tribromophenol	15.851	330	807969	166.743	ng		-0.01
45) 2-Fluorobiphenyl	12.945	172	1938445	84.744	ng		-0.02
79) Terphenyl-d14	19.857	244	3807028	92.027	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	125379	35.663	ng	#	77
3) Pyridine	3.681	79	306732	33.041	ng		92
4) n-Nitrosodimethylamine	3.581	42	147668	47.929	ng	#	73
6) Aniline	7.046	93	348677	34.285	ng		99
8) 2-Chlorophenol	7.281	128	404257	43.562	ng		99
9) Benzaldehyde	6.858	77	134192	23.836	ng		96
10) Phenol	6.922	94	424464	37.178	ng		89
11) bis(2-Chloroethyl)ether	7.134	93	364946	39.674	ng		99
12) 1,3-Dichlorobenzene	7.593	146	408497	40.888	ng		98
13) 1,4-Dichlorobenzene	7.740	146	418436	41.280	ng		99
14) 1,2-Dichlorobenzene	8.046	146	405160	41.393	ng		98
15) Benzyl Alcohol	7.946	79	347471	47.209	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	402549	40.486	ng		99
17) 2-Methylphenol	8.152	107	330185	44.706	ng		97
18) Hexachloroethane	8.763	117	157287	42.936	ng		99
19) n-Nitroso-di-n-propyla...	8.499	70	278687	39.580	ng		93
20) 3+4-Methylphenols	8.481	107	443259	43.254	ng		98
22) Acetophenone	8.516	105	586953	43.928	ng		96
24) Nitrobenzene	8.893	77	420112	44.856	ng		99
25) Isophorone	9.416	82	795574	46.425	ng		97
26) 2-Nitrophenol	9.593	139	218280	47.624	ng	#	92
27) 2,4-Dimethylphenol	9.663	122	384022	66.728	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	478788	41.358	ng		99
29) 2,4-Dichlorophenol	10.146	162	377358	48.090	ng		99
30) 1,2,4-Trichlorobenzene	10.340	180	380347	45.240	ng		99
31) Naphthalene	10.522	128	1225557	43.097	ng		99
32) Benzoic acid	9.828	122	252553	37.661	ng		98
33) 4-Chloroaniline	10.652	127	192663	19.238	ng		97
34) Hexachlorobutadiene	10.804	225	242647	49.114	ng		99
35) Caprolactam	11.446	113	118100	40.789	ng		96
36) 4-Chloro-3-methylphenol	11.781	107	451843	49.436	ng		98
37) 2-Methylnaphthalene	12.134	142	782675	39.686	ng		97
38) 1-Methylnaphthalene	12.351	142	822790	42.646	ng		100
40) 1,2,4,5-Tetrachloroben...	12.504	216	437486	45.423	ng		98
41) Hexachlorocyclopentadiene	12.481	237	582676	171.056	ng		100
43) 2,4,6-Trichlorophenol	12.751	196	326288	50.955	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	356408	50.262	ng		99
46) 1,1'-Biphenyl	13.151	154	1124778	43.691	ng		98
47) 2-Chloronaphthalene	13.198	162	867120	45.068	ng		98
48) 2-Nitroaniline	13.410	65	285573	52.913	ng		96
49) Acenaphthylene	14.051	152	1473000	48.626	ng		100
50) Dimethylphthalate	13.793	163	1271804	49.935	ng		100
51) 2,6-Dinitrotoluene	13.910	165	271753	50.247	ng		92
52) Acenaphthene	14.392	154	856876	44.618	ng		99
53) 3-Nitroaniline	14.251	138	255065	44.872	ng		100
54) 2,4-Dinitrophenol	14.463	184	370652	116.346	ng		92
55) Dibenzofuran	14.734	168	1380207	43.968	ng		96
56) 4-Nitrophenol	14.592	139	455200	92.723	ng		90
57) 2,4-Dinitrotoluene	14.710	165	410058	55.581	ng		98
58) Fluorene	15.398	166	1129048	46.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	327341	50.052	ng		98
60) Diethylphthalate	15.169	149	1281017	48.807	ng		100
61) 4-Chlorophenyl-phenyle...	15.392	204	556252	47.138	ng		97
62) 4-Nitroaniline	15.434	138	303785m	50.484	ng		
63) Azobenzene	15.692	77	1059416	43.916	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	235526	52.159	ng		96
66) n-Nitrosodiphenylamine	15.610	169	1015090	47.484	ng		99
67) 4-Bromophenyl-phenylether	16.310	248	390541	49.857	ng		100
68) Hexachlorobenzene	16.428	284	488168	52.446	ng		99
69) Atrazine	16.592	200	382793	70.306	ng		98
70) Pentachlorophenol	16.781	266	670241	103.217	ng		99
71) Phenanthrene	17.175	178	1833269	46.920	ng		100
72) Anthracene	17.269	178	1895993	50.349	ng		100
73) Carbazole	17.557	167	1819229	49.443	ng		99
74) Di-n-butylphthalate	18.139	149	2329470	50.817	ng		100
75) Fluoranthene	19.263	202	2261850	48.674	ng		96
77) Benzidine	19.463	184	749370	70.898	ng		100
78) Pyrene	19.633	202	2351241	44.370	ng		100
80) Butylbenzylphthalate	20.586	149	1125585	49.590	ng		97
81) Benzo(a)anthracene	21.557	228	2513406	48.495	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	619930	34.079	ng		98
83) Chrysene	21.627	228	2338368	47.093	ng		100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1639970	49.287	ng		99
85) Di-n-octyl phthalate	22.757	149	2820486	52.141	ng		100
87) Indeno(1,2,3-cd)pyrene	28.698	276	3467291m	51.597	ng		
88) Benzo(b)fluoranthene	23.851	252	2665441	45.940	ng	#	97
89) Benzo(k)fluoranthene	23.921	252	2669692m	47.636	ng		
90) Benzo(a)pyrene	24.745	252	2581161	51.574	ng	#	97
91) Dibenzo(a,h)anthracene	28.762	278	2858954	51.256	ng		97
92) Benzo(g,h,i)perylene	29.868	276	2784038	49.038	ng	#	95

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

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