Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024710.D
Acq On : 20 May 2025 16:38
Operator : RC/JU
Sample : Q2071-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
L2-WC-5MS

Quant Time: May 20 17:10:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	123244	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	485383	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	309601	20.000	ng		-0.02
64) Phenanthrene-d10	17.081	188	602056	20.000	ng		-0.02
76) Chrysene-d12	21.516	240	694322	20.000	ng		0.00
86) Perylene-d12	24.798	264	810851	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	448154	62.194	ng		0.00
7) Phenol-d6	6.858	99	571063	62.096	ng		0.00
23) Nitrobenzene-d5	8.805	82	332805	34.644	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	370801	70.647	ng		0.00
45) 2-Fluorobiphenyl	12.893	172	874938	37.024	ng		-0.01
79) Terphenyl-d14	19.804	244	1542550	38.095	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	120843	35.714	ng		97
3) Pyridine	3.617	79	268070	35.730	ng		94
4) n-Nitrosodimethylamine	3.528	42	136135	41.101	ng		88
6) Aniline	6.999	93	210516	17.730	ng		100
8) 2-Chlorophenol	7.234	128	349992	42.786	ng		96
9) Benzaldehyde	6.811	77	184561	31.002	ng		97
10) Phenol	6.887	94	383054	40.356	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	279863	35.882	ng		99
12) 1,3-Dichlorobenzene	7.546	146	380485	40.429	ng		98
13) 1,4-Dichlorobenzene	7.687	146	385317	40.708	ng		100
14) 1,2-Dichlorobenzene	8.005	146	368905	39.997	ng		99
15) Benzyl Alcohol	7.905	79	275775	39.461	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	324413	34.732	ng		99
17) 2-Methylphenol	8.116	107	274824	40.369	ng		97
18) Hexachloroethane	8.716	117	142069	39.167	ng		98
19) n-Nitroso-di-n-propyla...	8.458	70	214085	33.653	ng		95
20) 3+4-Methylphenols	8.446	107	366073	39.530	ng		96
22) Acetophenone	8.475	105	487168	40.180	ng	#	99
24) Nitrobenzene	8.846	77	327715	38.765	ng		94
25) Isophorone	9.369	82	605696	36.348	ng		97
26) 2-Nitrophenol	9.552	139	187001	45.142	ng		98
27) 2,4-Dimethylphenol	9.622	122	311328	42.626	ng		100
28) bis(2-Chloroethoxy)met...	9.846	93	374592	37.626	ng		99
29) 2,4-Dichlorophenol	10.099	162	320635	45.302	ng		98
30) 1,2,4-Trichlorobenzene	10.287	180	346542	43.450	ng		97
31) Naphthalene	10.475	128	1041017	41.387	ng		99
32) Benzoic acid	9.805	122	195656	39.962	ng		96
33) 4-Chloroaniline	10.599	127	128216	12.632	ng		98
34) Hexachlorobutadiene	10.757	225	229103	44.342	ng		98
35) Caprolactam	11.393	113	97262	37.982	ng		92
36) 4-Chloro-3-methylphenol	11.746	107	356396	41.292	ng		97
37) 2-Methylnaphthalene	12.093	142	662361	40.668	ng		98
38) 1-Methylnaphthalene	12.310	142	715055	41.033	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	401244	44.630	ng		99
41) Hexachlorocyclopentadiene	12.440	237	507060	93.013	ng		97
43) 2,4,6-Trichlorophenol	12.722	196	270104	46.384	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	293230	45.238	ng		96
46) 1,1'-Biphenyl	13.110	154	1016109	44.405	ng		98
47) 2-Chloronaphthalene	13.151	162	767652	43.998	ng		99
48) 2-Nitroaniline	13.369	65	221137	42.810	ng		98
49) Acenaphthylene	14.004	152	1256167	43.022	ng		99
50) Dimethylphthalate	13.745	163	984957	41.739	ng		99
51) 2,6-Dinitrotoluene	13.869	165	215564	43.253	ng		98
52) Acenaphthene	14.357	154	704651	41.979	ng		99
53) 3-Nitroaniline	14.210	138	90611	17.806	ng		100
54) 2,4-Dinitrophenol	14.428	184	244832	78.073	ng		96
55) Dibenzofuran	14.693	168	1121969	41.905	ng		99
56) 4-Nitrophenol	14.563	139	317817	72.556	ng		97
57) 2,4-Dinitrotoluene	14.669	165	307186	43.720	ng		96
58) Fluorene	15.351	166	925244	42.381	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	265318	44.124	ng		98
60) Diethylphthalate	15.128	149	986733	41.371	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	470546	43.219	ng		99
62) 4-Nitroaniline	15.387	138	208945	42.524	ng		99
63) Azobenzene	15.640	77	900768	44.148	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	175911	45.234	ng		94
66) n-Nitrosodiphenylamine	15.569	169	808469	43.718	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	320006	45.108	ng		98
68) Hexachlorobenzene	16.369	284	412329	45.740	ng		95
69) Atrazine	16.551	200	299058	44.128	ng		99
70) Pentachlorophenol	16.739	266	506884	100.168	ng		98
71) Phenanthrene	17.128	178	1420071	42.429	ng		100
72) Anthracene	17.216	178	1453916	43.177	ng		100
73) Carbazole	17.510	167	1331178	43.677	ng		100
74) Di-n-butylphthalate	18.086	149	1686186	43.018	ng		99
75) Fluoranthene	19.210	202	1677434	42.876	ng		99
77) Benzidine	19.422	184	633675	33.509	ng		100
78) Pyrene	19.586	202	1745089	41.947	ng		99
80) Butylbenzylphthalate	20.539	149	818753	44.252	ng		95
81) Benzo(a)anthracene	21.492	228	1864044	42.756	ng		99
82) 3,3'-Dichlorobenzidine	21.422	252	438591	27.085	ng		99
83) Chrysene	21.563	228	1757452	42.524	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1198343	44.065	ng		99
85) Di-n-octyl phthalate	22.680	149	2064146	46.415	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2585176	43.671	ng	#	91
88) Benzo(b)fluoranthene	23.757	252	2000923	43.112	ng		99
89) Benzo(k)fluoranthene	23.833	252	2029278	42.432	ng		99
90) Benzo(a)pyrene	24.633	252	1924735	43.180	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	2119937	44.020	ng		98
92) Benzo(g,h,i)perylene	29.662	276	2065785	43.135	ng		98

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

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