Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024832.D
Acq On : 29 May 2025 17:06
Operator : RC/JU
Sample : Q2136-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 29 17:34:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	106638	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	428047	20.000	ng		0.00
39) Acenaphthene-d10	14.275	164	263821	20.000	ng		0.00
64) Phenanthrene-d10	17.069	188	553172	20.000	ng		0.00
76) Chrysene-d12	21.498	240	684661	20.000	ng		0.00
86) Perylene-d12	24.774	264	867824	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	662672	106.286	ng		0.00
7) Phenol-d6	6.846	99	826922	103.920	ng		0.00
23) Nitrobenzene-d5	8.793	82	483725	57.099	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	549054	122.761	ng		0.01
45) 2-Fluorobiphenyl	12.887	172	1207390	59.958	ng		0.00
79) Terphenyl-d14	19.798	244	2213620	55.439	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	103674	35.412	ng		97
3) Pyridine	3.611	79	251503	38.742	ng		96
4) n-Nitrosodimethylamine	3.517	42	118102	41.209	ng		95
6) Aniline	6.987	93	269713	26.253	ng		99
8) 2-Chlorophenol	7.222	128	344022	48.606	ng		97
9) Benzaldehyde	6.799	77	168415	32.695	ng		95
10) Phenol	6.875	94	384657	46.836	ng		99
11) bis(2-Chloroethyl)ether	7.075	93	267927	39.701	ng		98
12) 1,3-Dichlorobenzene	7.534	146	355444	43.650	ng		98
13) 1,4-Dichlorobenzene	7.675	146	362264	44.232	ng		99
14) 1,2-Dichlorobenzene	7.987	146	346337	43.398	ng		99
15) Benzyl Alcohol	7.893	79	279667	46.250	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.158	45	312760	38.699	ng		98
17) 2-Methylphenol	8.099	107	270994	46.005	ng		97
18) Hexachloroethane	8.705	117	135099	43.046	ng		99
19) n-Nitroso-di-n-propyla...	8.446	70	211374	38.401	ng		97
20) 3+4-Methylphenols	8.428	107	368176	45.949	ng		98
22) Acetophenone	8.463	105	476440	44.559	ng	#	98
24) Nitrobenzene	8.834	77	314732	42.216	ng		94
25) Isophorone	9.358	82	602923	41.028	ng		97
26) 2-Nitrophenol	9.540	139	185680	50.827	ng		98
27) 2,4-Dimethylphenol	9.610	122	315518	48.986	ng		98
28) bis(2-Chloroethoxy)met...	9.834	93	364128	41.475	ng		97
29) 2,4-Dichlorophenol	10.087	162	319642	51.211	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	328671	46.729	ng		98
31) Naphthalene	10.463	128	1029300	46.403	ng		100
32) Benzoic acid	9.793	122	271282m	58.556	ng		
33) 4-Chloroaniline	10.587	127	135860	15.178	ng		98
34) Hexachlorobutadiene	10.740	225	214156	47.001	ng		98
35) Caprolactam	11.381	113	110430	48.901	ng		94
36) 4-Chloro-3-methylphenol	11.728	107	355647	46.724	ng		98
37) 2-Methylnaphthalene	12.075	142	654942	45.599	ng		98
38) 1-Methylnaphthalene	12.293	142	685541	44.608	ng		100
40) 1,2,4,5-Tetrachloroben...	12.452	216	374334	48.862	ng		100
41) Hexachlorocyclopentadiene	12.428	237	484333	104.261	ng		98
43) 2,4,6-Trichlorophenol	12.704	196	262863	52.974	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	296292	53.642	ng		96
46) 1,1'-Biphenyl	13.099	154	934110	47.905	ng		99
47) 2-Chloronaphthalene	13.146	162	707871	47.611	ng		99
48) 2-Nitroaniline	13.363	65	201229	45.716	ng		93
49) Acenaphthylene	13.999	152	1154979	46.421	ng		100
50) Dimethylphthalate	13.734	163	927622	46.131	ng		99
51) 2,6-Dinitrotoluene	13.863	165	208483	49.092	ng		92
52) Acenaphthene	14.340	154	666669	46.609	ng		99
53) 3-Nitroaniline	14.204	138	113698	26.220	ng		98
54) 2,4-Dinitrophenol	14.422	184	277348	101.681	ng		95
55) Dibenzofuran	14.681	168	1067248	46.778	ng		98
56) 4-Nitrophenol	14.557	139	349178	92.323	ng		99
57) 2,4-Dinitrotoluene	14.663	165	300983	50.271	ng		94
58) Fluorene	15.340	166	885077	47.577	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.922	232	263787	51.482	ng		95
60) Diethylphthalate	15.122	149	1089303	53.597	ng		99
61) 4-Chlorophenyl-phenyle...	15.340	204	444463	47.908	ng		99
62) 4-Nitroaniline	15.387	138	219794m	52.494	ng		
63) Azobenzene	15.640	77	844229	48.556	ng		96
65) 4,6-Dinitro-2-methylph...	15.445	198	182346	51.033	ng		97
66) n-Nitrosodiphenylamine	15.563	169	781249	45.979	ng		99
67) 4-Bromophenyl-phenylether	16.245	248	315651	48.426	ng		97
68) Hexachlorobenzene	16.369	284	400108	48.307	ng		96
69) Atrazine	16.540	200	309787	49.750	ng		99
70) Pentachlorophenol	16.728	266	549732	118.236	ng		98
71) Phenanthrene	17.116	178	1420535	46.194	ng		100
72) Anthracene	17.210	178	1454387	47.007	ng		100
73) Carbazole	17.498	167	1388373	49.579	ng		99
74) Di-n-butylphthalate	18.075	149	1809105	50.232	ng		99
75) Fluoranthene	19.204	202	1767296	49.164	ng		98
77) Benzidine	19.410	184	805732	43.209	ng		99
78) Pyrene	19.575	202	1812106	44.173	ng		100
80) Butylbenzylphthalate	20.528	149	890930	48.832	ng		95
81) Benzo(a)anthracene	21.480	228	2025866	47.123	ng		99
82) 3,3'-Dichlorobenzidine	21.410	252	526513	32.974	ng		100
83) Chrysene	21.551	228	1892045	46.427	ng		100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1286026	47.956	ng		99
85) Di-n-octyl phthalate	22.657	149	2337510	53.304	ng		99
87) Indeno(1,2,3-cd)pyrene	28.486	276	3101035	48.946	ng	#	90
88) Benzo(b)fluoranthene	23.745	252	2261286	45.524	ng		99
89) Benzo(k)fluoranthene	23.816	252	2302951	44.993	ng		99
90) Benzo(a)pyrene	24.627	252	2216822	46.468	ng		99
91) Dibenzo(a,h)anthracene	28.557	278	2547397	49.423	ng		99
92) Benzo(g,h,i)perylene	29.639	276	2469404	48.178	ng		97

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

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