Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:04:06 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 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng		-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng		0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng		0.00
86) Perylene-d12	24.798	264	780142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	104115	18.75	ng		0.00
7) Phenol-d6	6.858	99	127652	18.01	ng		0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng		0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng		99
3) Pyridine	3.634	79	53915	9.33	ng		98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	#	96
6) Aniline	7.005	93	80863	8.84	ng		99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng		99
9) Benzaldehyde	6.822	77	47848m	10.45	ng		
10) Phenol	6.881	94	66520	9.09	ng		96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng		99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng		100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng		99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng		96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng		98
17) 2-Methylphenol	8.116	107	45071	8.59	ng		96
18) Hexachloroethane	8.728	117	28078	10.05	ng		96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng		96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng		95
22) Acetophenone	8.481	105	95803	9.62	ng	#	99
24) Nitrobenzene	8.857	77	67735	9.76	ng		98
25) Isophorone	9.375	82	127474	9.31	ng		99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng		94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng		98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng		97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng		98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng		96
31) Naphthalene	10.481	128	204468	9.90	ng		99
32) Benzoic acid	9.746	122	17770m	10.42	ng		
33) 4-Chloroaniline	10.610	127	73990	8.88	ng		99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng		97
35) Caprolactam	11.381	113	18245m	8.68	ng		
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng		98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng		100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng		100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng		100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng		94
46)	1,1'-Biphenyl	13.122	154	192445	9.70	ng		100
47)	2-Chloronaphthalene	13.163	162	148443	9.82	ng		99
48)	2-Nitroaniline	13.375	65	40786	9.11	ng		93
49)	Acenaphthylene	14.010	152	243913	9.64	ng		98
50)	Dimethylphthalate	13.751	163	204825	10.01	ng		99
51)	2,6-Dinitrotoluene	13.869	165	41257	9.55	ng		92
52)	Acenaphthene	14.357	154	141360	9.72	ng		99
53)	3-Nitroaniline	14.216	138	36906	8.37	ng		99
54)	2,4-Dinitrophenol	14.439	184	13128	10.84	ng		95
55)	Dibenzofuran	14.704	168	230286	9.92	ng		99
56)	4-Nitrophenol	14.575	139	21349	9.53	ng		93
57)	2,4-Dinitrotoluene	14.675	165	56617	9.30	ng		94
58)	Fluorene	15.357	166	189781	10.03	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng		99
60)	Diethylphthalate	15.134	149	206886	10.01	ng		99
61)	4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng		97
62)	4-Nitroaniline	15.404	138	34813m	8.11	ng		
63)	Azobenzene	15.657	77	174322	9.86	ng		98
65)	4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng		96
66)	n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng		99
67)	4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng		97
68)	Hexachlorobenzene	16.392	284	80088	9.61	ng		98
69)	Atrazine	16.551	200	58245	9.30	ng		99
70)	Pentachlorophenol	16.757	266	38095m	8.14	ng		
71)	Phenanthrene	17.139	178	301863	9.75	ng		100
72)	Anthracene	17.239	178	296146	9.51	ng		100
73)	Carbazole	17.522	167	262687	9.32	ng		100
74)	Di-n-butylphthalate	18.116	149	338893	9.35	ng		100
75)	Fluoranthene	19.227	202	349083	9.65	ng		99
77)	Benzidine	19.445	184	119229m	6.59	ng		
78)	Pyrene	19.604	202	374573	9.48	ng		100
80)	Butylbenzylphthalate	20.551	149	153275	8.73	ng		99
81)	Benzo(a)anthracene	21.498	228	401322	9.70	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng		99
83)	Chrysene	21.569	228	388846	9.91	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng		100
85)	Di-n-octyl phthalate	22.680	149	367934	8.72	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	#	92
88)	Benzo(b)fluoranthene	23.751	252	417343	9.35	ng		99
89)	Benzo(k)fluoranthene	23.821	252	431575	9.38	ng		99
90)	Benzo(a)pyrene	24.627	252	390288	9.10	ng		100
91)	Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng		99
92)	Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng		97

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

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