Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025973.D
Acq On : 15 Oct 2025 12:26
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 15 23:06:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.707	152	122988	20.000	ng		0.01
21) Naphthalene-d8	10.472	136	489416	20.000	ng		0.01
39) Acenaphthene-d10	14.319	164	330343	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	657381	20.000	ng		0.01
76) Chrysene-d12	21.566	240	718063	20.000	ng		-0.02
86) Perylene-d12	24.895	264	793729	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.366	112	64981	8.662	ng		0.03
7) Phenol-d6	6.949	99	86726	8.284	ng		0.04
23) Nitrobenzene-d5	8.866	82	98135	9.013	ng		0.02
42) 2,4,6-Tribromophenol	15.860	330	39092	8.790	ng		0.02
45) 2-Fluorobiphenyl	12.937	172	263613	10.228	ng		0.00
79) Terphenyl-d14	19.842	244	419339	9.333	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	16516	5.558	ng		99
3) Pyridine	3.672	79	37337	4.503	ng		99
6) Aniline	7.060	93	59231	4.226	ng		97
8) 2-Chlorophenol	7.307	128	39003	4.486	ng		95
10) Phenol	6.972	94	38654	3.657	ng		95
11) bis(2-Chloroethyl)ether	7.149	93	34473	4.000	ng		97
12) 1,3-Dichlorobenzene	7.596	146	48405	5.022	ng		95
13) 1,4-Dichlorobenzene	7.737	146	47627	4.850	ng		95
14) 1,2-Dichlorobenzene	8.054	146	48147	5.012	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.219	45	62583	4.716	ng		73
17) 2-Methylphenol	8.190	107	30317	4.002	ng		97
18) Hexachloroethane	8.760	117	18782	5.012	ng		97
19) n-Nitroso-di-n-propyla...	8.507	70	30279	4.057	ng		94
22) Acetophenone	8.537	105	60627	4.557	ng	#	99
24) Nitrobenzene	8.913	77	43117	4.453	ng		93
25) Isophorone	9.419	82	88608	4.531	ng		99
26) 2-Nitrophenol	9.631	139	17843	3.805	ng	#	85
27) 2,4-Dimethylphenol	9.713	122	32986	4.151	ng		94
28) bis(2-Chloroethoxy)met...	9.919	93	49254	4.305	ng	#	95
29) 2,4-Dichlorophenol	10.237	162	30967	3.911	ng		92
30) 1,2,4-Trichlorobenzene	10.343	180	44594	4.975	ng		97
31) Naphthalene	10.525	128	129887	4.920	ng		99
33) 4-Chloroaniline	10.690	127	43758	3.903	ng		95
34) Hexachlorobutadiene	10.795	225	29781	5.020	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	39293	4.227	ng		97
37) 2-Methylnaphthalene	12.142	142	82737	4.786	ng		97
38) 1-Methylnaphthalene	12.354	142	87537	4.801	ng		97
40) 1,2,4,5-Tetrachloroben...	12.513	216	50939	4.735	ng		99
43) 2,4,6-Trichlorophenol	12.789	196	27681	4.054	ng		96
44) 2,4,5-Trichlorophenol	12.913	196	31748	4.270	ng		97
46) 1,1'-Biphenyl	13.154	154	121311	4.861	ng		96
47) 2-Chloronaphthalene	13.201	162	94814	4.859	ng		98
48) 2-Nitroaniline	13.442	65	24432	4.018	ng		98
49) Acenaphthylene	14.042	152	153547	4.867	ng		98
50) Dimethylphthalate	13.784	163	123385	4.942	ng		99
51) 2,6-Dinitrotoluene	13.913	165	23919	4.437	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.384	154	90900	4.990	ng		97
53) 3-Nitroaniline	14.301	138	20630	3.888	ng	#	91
55) Dibenzofuran	14.731	168	146444	5.020	ng		97
57) 2,4-Dinitrotoluene	14.742	165	31130	4.262	ng	#	91
58) Fluorene	15.389	166	117905	5.030	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.995	232	30745m	4.608	ng		
60) Diethylphthalate	15.160	149	124090	5.040	ng		97
61) 4-Chlorophenyl-phenyle...	15.383	204	62487	5.070	ng		98
62) 4-Nitroaniline	15.519	138	21781m	4.455	ng		
63) Azobenzene	15.683	77	108966	4.749	ng		99
66) n-Nitrosodiphenylamine	15.607	169	98306	4.648	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	37507	4.623	ng		99
68) Hexachlorobenzene	16.425	284	43825	4.815	ng		99
69) Atrazine	16.589	200	35151	4.607	ng		96
71) Phenanthrene	17.177	178	186119	4.995	ng		97
72) Anthracene	17.277	178	183107	4.811	ng		98
73) Carbazole	17.577	167	161433	4.812	ng		97
74) Di-n-butylphthalate	18.136	149	203642	4.932	ng		99
75) Fluoranthene	19.266	202	219924	5.233	ng		100
78) Pyrene	19.642	202	236951	4.474	ng		99
80) Butylbenzylphthalate	20.571	149	94854	4.501	ng		98
81) Benzo(a)anthracene	21.542	228	235352	4.792	ng		99
83) Chrysene	21.613	228	235359	5.012	ng		97
84) Bis(2-ethylhexyl)phtha...	21.465	149	148144	5.092	ng		97
87) Indeno(1,2,3-cd)pyrene	28.724	276	290681	4.862	ng	#	84
88) Benzo(b)fluoranthene	23.848	252	234116	4.736	ng		99
89) Benzo(k)fluoranthene	23.912	252	239542	4.775	ng		98
90) Benzo(a)pyrene	24.736	252	230489	4.799	ng		98
91) Dibenzo(a,h)anthracene	28.771	278	235745	4.837	ng		98
92) Benzo(g,h,i)perylene	29.918	276	229620	4.808	ng		98

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

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