Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060625\
Data File : BP024861.D
Acq On : 06 Jun 2025 11:11
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 06 15:58:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 15:53:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	200188	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	863187	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	567242	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1134887	20.000	ng	-0.01
76) Chrysene-d12	21.477	240	1194011	20.000	ng	0.00
86) Perylene-d12	24.724	264	1376894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.249	112	112787	9.404	ng	0.00
7) Phenol-d6	6.831	99	150891	9.509	ng	0.02
23) Nitrobenzene-d5	8.760	82	175740	9.893	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	72727	9.274	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	437483	10.390	ng	0.00
79) Terphenyl-d14	19.778	244	703502	10.560	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	28220	5.348	ng	99
3) Pyridine	3.590	79	57580	4.537	ng	90
6) Aniline	6.961	93	95932	4.737	ng	99
8) 2-Chlorophenol	7.196	128	66850	4.917	ng	98
10) Phenol	6.855	94	78090	4.774	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	61139	4.752	ng	97
12) 1,3-Dichlorobenzene	7.502	146	78560	5.180	ng	99
13) 1,4-Dichlorobenzene	7.643	146	79892	5.221	ng	99
14) 1,2-Dichlorobenzene	7.960	146	76524	5.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.137	45	87492	5.196	ng	93
17) 2-Methylphenol	8.084	107	52716	4.615	ng	98
18) Hexachloroethane	8.672	117	29571	5.132	ng	94
19) n-Nitroso-di-n-propyla...	8.413	70	55096	5.108	ng	97
22) Acetophenone	8.437	105	109271	5.010	ng	96
24) Nitrobenzene	8.808	77	79033	5.008	ng	96
25) Isophorone	9.325	82	151837	4.932	ng	99
26) 2-Nitrophenol	9.519	139	33214	4.266	ng	94
27) 2,4-Dimethylphenol	9.596	122	63419	4.759	ng	94
28) bis(2-Chloroethoxy)met...	9.807	93	89295	4.862	ng	96
29) 2,4-Dichlorophenol	10.090	162	53164	4.158	ng	95
30) 1,2,4-Trichlorobenzene	10.249	180	72373	5.018	ng	99
31) Naphthalene	10.425	128	231024	5.223	ng	98
33) 4-Chloroaniline	10.572	127	85657	4.622	ng	99
34) Hexachlorobutadiene	10.707	225	43845	5.044	ng	98
36) 4-Chloro-3-methylphenol	11.719	107	67386	4.569	ng	99
37) 2-Methylnaphthalene	12.049	142	142250	5.070	ng	98
38) 1-Methylnaphthalene	12.266	142	155333	5.178	ng	97
40) 1,2,4,5-Tetrachloroben...	12.425	216	80613	5.008	ng	99
43) 2,4,6-Trichlorophenol	12.690	196	48501	4.487	ng	97
44) 2,4,5-Trichlorophenol	12.796	196	49421	4.269	ng	97
46) 1,1'-Biphenyl	13.072	154	209483	5.082	ng	96
47) 2-Chloronaphthalene	13.113	162	159251	5.026	ng	99
48) 2-Nitroaniline	13.348	65	40981	4.207	ng	99
49) Acenaphthylene	13.972	152	266639	5.047	ng	99
50) Dimethylphthalate	13.713	163	214893	5.136	ng	99
51) 2,6-Dinitrotoluene	13.831	165	42335	4.693	ng	93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52)	Acenaphthene	14.313	154	156832	5.181	ng		96
53)	3-Nitroaniline	14.190	138	37288	3.983	ng	#	90
55)	Dibenzofuran	14.660	168	257371	5.297	ng		100
57)	2,4-Dinitrotoluene	14.648	165	55352	4.387	ng	#	87
58)	Fluorene	15.319	166	203802	5.192	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.907	232	48686m	4.699	ng		
60)	Diethylphthalate	15.090	149	212883	5.105	ng		98
61)	4-Chlorophenyl-phenyle...	15.319	204	100846	5.254	ng		97
62)	4-Nitroaniline	15.378	138	33952m	3.998	ng		
63)	Azobenzene	15.619	77	190856	4.990	ng		99
66)	n-Nitrosodiphenylamine	15.537	169	177845	5.056	ng		100
67)	4-Bromophenyl-phenylether	16.231	248	63678	4.973	ng		99
68)	Hexachlorobenzene	16.342	284	78966	5.087	ng		96
69)	Atrazine	16.519	200	60321	4.730	ng		98
71)	Phenanthrene	17.095	178	328431	5.237	ng		99
72)	Anthracene	17.195	178	320305	5.043	ng		99
73)	Carbazole	17.489	167	290344	4.932	ng		100
74)	Di-n-butylphthalate	18.060	149	334086	4.580	ng		99
75)	Fluoranthene	19.183	202	368810	5.074	ng		99
78)	Pyrene	19.560	202	389995	5.228	ng		99
80)	Butylbenzylphthalate	20.513	149	151685	4.439	ng		99
81)	Benzo(a)anthracene	21.460	228	391774	5.130	ng		99
83)	Chrysene	21.525	228	373726	5.165	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.389	149	213559	4.362	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.418	276	491160	4.889	ng	#	94
88)	Benzo(b)fluoranthene	23.707	252	379596	4.817	ng		98
89)	Benzo(k)fluoranthene	23.777	252	400877	4.998	ng		99
90)	Benzo(a)pyrene	24.571	252	377184	4.901	ng		100
91)	Dibenzo(a,h)anthracene	28.471	278	396286	4.846	ng		99
92)	Benzo(g,h,i)perylene	29.559	276	403533	4.974	ng		98

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

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