Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061125\
Data File : BP024905.D
Acq On : 11 Jun 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 11 10:57:42 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 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	246136	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	989564	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	627529	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1260453	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1315011	20.000	ng	0.02
86) Perylene-d12	24.765	264	1615997	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1207197	81.868	ng	0.00
7) Phenol-d6	6.813	99	1539147	78.890	ng	0.00
23) Nitrobenzene-d5	8.760	82	1616528	79.380	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	744280	85.787	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	3730785	80.089	ng	0.00
79) Terphenyl-d14	19.795	244	5928363	80.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	249603	38.470	ng	98
3) Pyridine	3.561	79	613204	39.299	ng	99
4) n-Nitrosodimethylamine	3.478	42	236223	37.030	ng	100
6) Aniline	6.949	93	986559	39.624	ng	100
8) 2-Chlorophenol	7.184	128	672031	40.202	ng	99
9) Benzaldehyde	6.766	77	461055	40.999	ng	98
10) Phenol	6.843	94	796427	39.598	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	622493	39.351	ng	99
12) 1,3-Dichlorobenzene	7.496	146	738443	39.599	ng	99
13) 1,4-Dichlorobenzene	7.643	146	753634	40.053	ng	99
14) 1,2-Dichlorobenzene	7.955	146	717837	38.851	ng	100
15) Benzyl Alcohol	7.854	79	591711	39.517	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	777842	37.568	ng	98
17) 2-Methylphenol	8.072	107	547337	38.970	ng	98
18) Hexachloroethane	8.666	117	270232	38.147	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	503832	37.987	ng	99
20) 3+4-Methylphenols	8.396	107	731367	38.168	ng	98
22) Acetophenone	8.425	105	993180	39.725	ng	98
24) Nitrobenzene	8.802	77	710650	39.281	ng	99
25) Isophorone	9.325	82	1382123	39.161	ng	99
26) 2-Nitrophenol	9.507	139	376475	42.176	ng	99
27) 2,4-Dimethylphenol	9.584	122	618700	40.499	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	823520	39.116	ng	99
29) 2,4-Dichlorophenol	10.054	162	607676	41.456	ng	100
30) 1,2,4-Trichlorobenzene	10.248	180	652750	39.481	ng	97
31) Naphthalene	10.431	128	2016456	39.763	ng	100
32) Benzoic acid	9.760	122	398782	38.628	ng	98
33) 4-Chloroaniline	10.548	127	853082	40.152	ng	99
34) Hexachlorobutadiene	10.707	225	409067	41.052	ng	100
35) Caprolactam	11.354	113	219778	40.732	ng	91
36) 4-Chloro-3-methylphenol	11.707	107	676300	40.000	ng	100
37) 2-Methylnaphthalene	12.048	142	1285853	39.974	ng	100
38) 1-Methylnaphthalene	12.272	142	1360077	39.548	ng	100
40) 1,2,4,5-Tetrachloroben...	12.425	216	719293	40.395	ng	99
41) Hexachlorocyclopentadiene	12.395	237	397925	36.639	ng	97
43) 2,4,6-Trichlorophenol	12.684	196	494628	41.363	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	541954	42.319	ng	98
46) 1,1'-Biphenyl	13.078	154	1847020	40.501	ng	99
47) 2-Chloronaphthalene	13.119	162	1398495	39.900	ng	100
48) 2-Nitroaniline	13.342	65	436114	40.472	ng	92
49) Acenaphthylene	13.972	152	2323098	39.751	ng	99
50) Dimethylphthalate	13.713	163	1840509	39.759	ng	100
51) 2,6-Dinitrotoluene	13.837	165	398160	39.898	ng	97
52) Acenaphthene	14.325	154	1314718	39.258	ng	99
53) 3-Nitroaniline	14.178	138	441466	42.628	ng	100
54) 2,4-Dinitrophenol	14.407	184	232675	38.879	ng	96
55) Dibenzofuran	14.660	168	2123910	39.510	ng	98
56) 4-Nitrophenol	14.548	139	297103	37.005	ng	97
57) 2,4-Dinitrotoluene	14.648	165	577757	41.387	ng	96
58) Fluorene	15.325	166	1740983	40.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	470984	41.162	ng	98
60) Diethylphthalate	15.095	149	1889671	40.960	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	858578	40.436	ng	94
62) 4-Nitroaniline	15.360	138	423858m	45.138	ng	
63) Azobenzene	15.613	77	1685754	39.841	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	334304	40.364	ng	99
66) n-Nitrosodiphenylamine	15.536	169	1519439	38.892	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	576944	40.567	ng	98
68) Hexachlorobenzene	16.348	284	689883	40.014	ng	99
69) Atrazine	16.525	200	570932	40.312	ng	99
70) Pentachlorophenol	16.719	266	396935	44.484	ng	98
71) Phenanthrene	17.107	178	2671101	38.348	ng	99
72) Anthracene	17.195	178	2790378	39.555	ng	100
73) Carbazole	17.489	167	2596337	39.707	ng	100
74) Di-n-butylphthalate	18.066	149	3332590	41.136	ng	100
75) Fluoranthene	19.195	202	3176954	39.352	ng	100
77) Benzidine	19.407	184	1526422	37.479	ng	99
78) Pyrene	19.577	202	3267308	39.770	ng	100
80) Butylbenzylphthalate	20.524	149	1602182	42.576	ng	97
81) Benzo(a)anthracene	21.483	228	3356654	39.910	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1407141	42.142	ng	98
83) Chrysene	21.548	228	3125590	39.221	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2343390	43.464	ng	99
85) Di-n-octyl phthalate	22.648	149	4039619	42.508	ng	99
87) Indeno(1,2,3-cd)pyrene	28.459	276	4697757m	39.843	ng	
88) Benzo(b)fluoranthene	23.730	252	3598152	38.906	ng	99
89) Benzo(k)fluoranthene	23.807	252	3633530	38.597	ng	99
90) Benzo(a)pyrene	24.618	252	3548573	39.290	ng	99
91) Dibenzo(a,h)anthracene	28.548	278	3870485	40.329	ng	99
92) Benzo(g,h,i)perylene	29.612	276	3723270	39.100	ng	99

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

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