Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	475755	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2010398	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1363058	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2867783	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2918399	20.000	ng	0.01
86) Perylene-d12	24.483	264	3385440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2196567	78.011	ng	0.00
7) Phenol-d6	6.643	99	2861029	82.039	ng	0.00
23) Nitrobenzene-d5	8.566	82	2873708	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1690516	84.128	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	7739219	80.047	ng	0.00
79) Terphenyl-d14	19.660	244	12492781	84.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	393587	37.296	ng	100
3) Pyridine	3.490	79	1090608	38.607	ng	99
4) n-Nitrosodimethylamine	3.402	42	435495	38.874	ng	95
6) Aniline	6.784	93	1852487	40.638	ng	100
8) 2-Chlorophenol	7.013	128	1296331	40.576	ng	99
9) Benzaldehyde	6.596	77	930250	39.343	ng	99
10) Phenol	6.666	94	1467116	40.566	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1103356	39.793	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1409952	39.245	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1433228	39.521	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1397689	40.064	ng	100
15) Benzyl Alcohol	7.678	79	1042913	41.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1399883	39.458	ng	99
17) 2-Methylphenol	7.878	107	1036790	41.350	ng	99
18) Hexachloroethane	8.484	117	493527	39.573	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	861892	41.082	ng	99
20) 3+4-Methylphenols	8.201	107	1427970	41.751	ng	99
22) Acetophenone	8.243	105	1831992	39.161	ng	99
24) Nitrobenzene	8.607	77	1277454	39.614	ng	97
25) Isophorone	9.131	82	2499307	39.287	ng	99
26) 2-Nitrophenol	9.301	139	754572	40.747	ng	99
27) 2,4-Dimethylphenol	9.384	122	1242956	40.112	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1537420	38.637	ng	100
29) 2,4-Dichlorophenol	9.837	162	1301415	40.880	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1377874	39.627	ng	100
31) Naphthalene	10.231	128	4078359	39.644	ng	100
32) Benzoic acid	9.542	122	1130735	47.799	ng	98
33) 4-Chloroaniline	10.337	127	1843296	40.762	ng	99
34) Hexachlorobutadiene	10.519	225	820021	39.183	ng	100
35) Caprolactam	11.131	113	442265	41.859	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1343300	42.212	ng	98
37) 2-Methylnaphthalene	11.854	142	2729444	40.859	ng	99
38) 1-Methylnaphthalene	12.072	142	2849738	40.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1603484	39.246	ng	99
41) Hexachlorocyclopentadiene	12.213	237	686433	28.144	ng	100
43) 2,4,6-Trichlorophenol	12.478	196	1125399	40.313	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1268169	41.280	ng	99
46) 1,1'-Biphenyl	12.883	154	3899850	39.468	ng	99
47) 2-Chloronaphthalene	12.925	162	3060262	39.669	ng	100
48) 2-Nitroaniline	13.136	65	801067	40.662	ng	98
49) Acenaphthylene	13.789	152	5069233	40.627	ng	100
50) Dimethylphthalate	13.542	163	3841185	39.404	ng	99
51) 2,6-Dinitrotoluene	13.654	165	869516	41.051	ng	99
52) Acenaphthene	14.142	154	2905616	40.271	ng	99
53) 3-Nitroaniline	13.983	138	989939	41.445	ng	98
54) 2,4-Dinitrophenol	14.201	184	388691	30.972	ng	99
55) Dibenzofuran	14.483	168	4751994	40.773	ng	99
56) 4-Nitrophenol	14.325	139	863006	42.223	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1246666	42.047	ng	97
58) Fluorene	15.154	166	3806233	41.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1149936	42.296	ng	99
60) Diethylphthalate	14.942	149	3976402	41.387	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1882300	40.260	ng	98
62) 4-Nitroaniline	15.172	138	1023508	42.134	ng	97
63) Azobenzene	15.460	77	3266015	41.714	ng	97
65) 4,6-Dinitro-2-methylph...	15.242	198	581859	31.439	ng	96
66) n-Nitrosodiphenylamine	15.377	169	3454679	39.689	ng	100
67) 4-Bromophenyl-phenylether	16.066	248	1298184	38.788	ng	99
68) Hexachlorobenzene	16.183	284	1585091	39.880	ng	98
69) Atrazine	16.377	200	1295226	40.212	ng	100
70) Pentachlorophenol	16.548	266	1118886	41.397	ng	100
71) Phenanthrene	16.942	178	6216763	40.193	ng	100
72) Anthracene	17.036	178	6397046	41.055	ng	100
73) Carbazole	17.319	167	5947679	39.986	ng	99
74) Di-n-butylphthalate	17.942	149	7287726	42.462	ng	100
75) Fluoranthene	19.048	202	7323528	40.231	ng	99
77) Benzidine	19.254	184	4620449	45.096	ng	99
78) Pyrene	19.424	202	7452139	41.413	ng	99
80) Butylbenzylphthalate	20.412	149	3474816	42.660	ng	99
81) Benzo(a)anthracene	21.318	228	7258836	39.386	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	3081562	40.337	ng	100
83) Chrysene	21.383	228	6904059	40.130	ng	100
84) Bis(2-ethylhexyl)phtha...	21.301	149	5131749	44.060	ng	100
85) Di-n-octyl phthalate	22.512	149	8746357	43.487	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9674949m	39.107	ng	
88) Benzo(b)fluoranthene	23.495	252	7728646	39.882	ng	100
89) Benzo(k)fluoranthene	23.571	252	7546215	39.445	ng	99
90) Benzo(a)pyrene	24.342	252	7480970	39.566	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7830236	38.794	ng	99
92) Benzo(g,h,i)perylene	29.112	276	7622690	38.429	ng	99

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

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