Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025226.D
Acq On : 23 Jul 2025 16:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 16:34:03 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 :
SSTDCCC040EC

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	7.431	152	421897	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1750040	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1174318	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2549406	20.000	ng	0.01
76) Chrysene-d12	21.348	240	2750456	20.000	ng	0.02
86) Perylene-d12	24.489	264	3266187	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	1978949	79.254	ng	0.00
7) Phenol-d6	6.643	99	2523247	81.590	ng	0.00
23) Nitrobenzene-d5	8.566	82	2547924	80.910	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1523626	88.010	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	6706884	80.519	ng	0.00
79) Terphenyl-d14	19.660	244	11843736	85.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	362391	38.724	ng	99
3) Pyridine	3.490	79	970000	38.721	ng	99
4) n-Nitrosodimethylamine	3.402	42	391174	39.375	ng	95
6) Aniline	6.778	93	1645967	40.717	ng	100
8) 2-Chlorophenol	7.013	128	1145574	40.435	ng	99
9) Benzaldehyde	6.596	77	821679	39.187	ng	100
10) Phenol	6.666	94	1310286	40.854	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	968101	39.372	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1257357	39.465	ng	99
13) 1,4-Dichlorobenzene	7.466	146	1281149	39.837	ng	100
14) 1,2-Dichlorobenzene	7.778	146	1232371	39.835	ng	99
15) Benzyl Alcohol	7.672	79	914524	40.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1228018	39.032	ng	99
17) 2-Methylphenol	7.884	107	918321	41.301	ng	99
18) Hexachloroethane	8.490	117	429581	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	762902	41.006	ng	100
20) 3+4-Methylphenols	8.202	107	1255779	41.404	ng	99
22) Acetophenone	8.243	105	1626199	39.934	ng	98
24) Nitrobenzene	8.607	77	1134306	40.408	ng	98
25) Isophorone	9.131	82	2165372	39.102	ng	100
26) 2-Nitrophenol	9.313	139	672219	41.700	ng	99
27) 2,4-Dimethylphenol	9.390	122	1088351	40.348	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1342968	38.771	ng	100
29) 2,4-Dichlorophenol	9.843	162	1139279	41.112	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1203645	39.767	ng	99
31) Naphthalene	10.231	128	3569658	39.861	ng	99
32) Benzoic acid	9.537	122	988555	48.005	ng	99
33) 4-Chloroaniline	10.343	127	1623996	41.255	ng	100
34) Hexachlorobutadiene	10.519	225	713422	39.161	ng	99
35) Caprolactam	11.137	113	387211	42.101	ng	100
36) 4-Chloro-3-methylphenol	11.490	107	1163924	42.016	ng	99
37) 2-Methylnaphthalene	11.860	142	2317760	39.858	ng	99
38) 1-Methylnaphthalene	12.078	142	2485497	40.690	ng	100
40) 1,2,4,5-Tetrachloroben...	12.237	216	1395264	39.638	ng	100
41) Hexachlorocyclopentadiene	12.225	237	559822	26.642	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	982275	40.841	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1087142	41.075	ng	99
46) 1,1'-Biphenyl	12.901	154	3358747	39.455	ng	100
47) 2-Chloronaphthalene	12.943	162	2671858	40.201	ng	99
48) 2-Nitroaniline	13.148	65	710602	41.867	ng	99
49) Acenaphthylene	13.795	152	4399537	40.927	ng	100
50) Dimethylphthalate	13.554	163	3275604	39.003	ng	99
51) 2,6-Dinitrotoluene	13.660	165	748217	41.002	ng	96
52) Acenaphthene	14.154	154	2517373	40.497	ng	100
53) 3-Nitroaniline	13.995	138	874454	42.494	ng	98
54) 2,4-Dinitrophenol	14.201	184	327781	30.316	ng	98
55) Dibenzofuran	14.495	168	4104990	40.883	ng	99
56) 4-Nitrophenol	14.342	139	779949	44.292	ng	99
57) 2,4-Dinitrotoluene	14.466	165	1099838	43.057	ng	96
58) Fluorene	15.160	166	3352512	42.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1007332	43.006	ng	100
60) Diethylphthalate	14.954	149	3330481	40.235	ng	100
61) 4-Chlorophenyl-phenyle...	15.166	204	1645291	40.846	ng	99
62) 4-Nitroaniline	15.184	138	938362	44.837	ng	99
63) Azobenzene	15.466	77	2832864	41.997	ng	99
65) 4,6-Dinitro-2-methylph...	15.254	198	483541	29.390	ng	99
66) n-Nitrosodiphenylamine	15.389	169	2952463	38.155	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	1134789	38.140	ng	99
68) Hexachlorobenzene	16.195	284	1386355	39.236	ng	97
69) Atrazine	16.384	200	1142872	39.913	ng	99
70) Pentachlorophenol	16.554	266	1017463	42.346	ng	100
71) Phenanthrene	16.942	178	5574744	40.543	ng	100
72) Anthracene	17.036	178	5802800	41.892	ng	99
73) Carbazole	17.319	167	5518563	41.734	ng	100
74) Di-n-butylphthalate	17.942	149	6332663	41.506	ng	100
75) Fluoranthene	19.048	202	6660238	41.156	ng	99
77) Benzidine	19.248	184	4198464	43.479	ng	99
78) Pyrene	19.430	202	7026109	41.430	ng	100
80) Butylbenzylphthalate	20.407	149	3175224	41.362	ng	98
81) Benzo(a)anthracene	21.330	228	7079313	40.758	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	2912207	40.448	ng	99
83) Chrysene	21.389	228	6542329	40.349	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4635740	42.232	ng	99
85) Di-n-octyl phthalate	22.518	149	7969743	42.046	ng	100
87) Indeno(1,2,3-cd)pyrene	28.036	276	9317715m	39.038	ng	
88) Benzo(b)fluoranthene	23.483	252	7353598	39.332	ng	99
89) Benzo(k)fluoranthene	23.554	252	7478960	40.521	ng	100
90) Benzo(a)pyrene	24.330	252	7205655	39.502	ng	100
91) Dibenzo(a,h)anthracene	28.106	278	7603495	39.046	ng	98
92) Benzo(g,h,i)perylene	29.106	276	7447383	38.916	ng	99

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

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