Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025420.D
Acq On : 15 Aug 2025 09:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 10:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	174735	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	746476	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	494163	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	985019	20.000	ng	-0.02
76) Chrysene-d12	21.636	240	1034992	20.000	ng	-0.01
86) Perylene-d12	25.007	264	1196337	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	813992	77.363	ng	0.00
7) Phenol-d6	6.966	99	1058593	78.474	ng	0.00
23) Nitrobenzene-d5	8.931	82	1156964	78.403	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	524221	78.813	ng	-0.01
45) 2-Fluorobiphenyl	13.019	172	2664086	73.679	ng	0.00
79) Terphenyl-d14	19.913	244	4146697	73.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	157593	38.238	ng	100
3) Pyridine	3.731	79	431150	38.221	ng	97
4) n-Nitrosodimethylamine	3.637	42	190300	40.919	ng	95
6) Aniline	7.125	93	712490	39.201	ng	99
8) 2-Chlorophenol	7.366	128	463559	39.042	ng	99
9) Benzaldehyde	6.943	77	485014	51.318	ng	98
10) Phenol	6.996	94	553755	39.121	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	423787	38.412	ng	98
12) 1,3-Dichlorobenzene	7.684	146	502508	38.382	ng	100
13) 1,4-Dichlorobenzene	7.825	146	511040	38.189	ng	100
14) 1,2-Dichlorobenzene	8.137	146	497191	38.382	ng	99
15) Benzyl Alcohol	8.019	79	424721	39.625	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	578692	39.155	ng	99
17) 2-Methylphenol	8.225	107	388838	39.552	ng	100
18) Hexachloroethane	8.860	117	189741	38.564	ng	98
19) n-Nitroso-di-n-propyla...	8.590	70	348777	39.033	ng	99
20) 3+4-Methylphenols	8.549	107	534708	39.238	ng	97
22) Acetophenone	8.602	105	713012	38.088	ng	99
24) Nitrobenzene	8.972	77	518361	39.305	ng	98
25) Isophorone	9.502	82	1002189	38.375	ng	99
26) 2-Nitrophenol	9.678	139	266580	39.387	ng	99
27) 2,4-Dimethylphenol	9.743	122	450423	38.698	ng	98
28) bis(2-Chloroethoxy)met...	9.972	93	600132	38.016	ng	98
29) 2,4-Dichlorophenol	10.213	162	451798	39.074	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	481348	37.976	ng	99
31) Naphthalene	10.613	128	1485874	38.297	ng	99
32) Benzoic acid	9.884	122	330291	38.436	ng	96
33) 4-Chloroaniline	10.707	127	667456	38.946	ng	99
34) Hexachlorobutadiene	10.901	225	301977	38.255	ng	99
35) Caprolactam	11.496	113	164915	38.897	ng	97
36) 4-Chloro-3-methylphenol	11.831	107	524817	39.556	ng	97
37) 2-Methylnaphthalene	12.213	142	962672	38.127	ng	99
38) 1-Methylnaphthalene	12.431	142	1007418	37.519	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	551420	38.637	ng	99
41) Hexachlorocyclopentadiene	12.566	237	347944	40.361	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	382510	39.699	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	418478	39.629	ng	98
46) 1,1'-Biphenyl	13.225	154	1367904	38.115	ng	100
47) 2-Chloronaphthalene	13.266	162	1074743	38.467	ng	100
48) 2-Nitroaniline	13.460	65	333818	41.005	ng	97
49) Acenaphthylene	14.119	152	1767129	38.223	ng	100
50) Dimethylphthalate	13.854	163	1395088	38.552	ng	99
51) 2,6-Dinitrotoluene	13.960	165	305591	40.066	ng	93
52) Acenaphthene	14.466	154	1032372m	38.043	ng	
53) 3-Nitroaniline	14.295	138	346194	40.343	ng	97
54) 2,4-Dinitrophenol	14.501	184	165440	40.617	ng	94
55) Dibenzofuran	14.801	168	1628276	37.952	ng	99
56) 4-Nitrophenol	14.607	139	286024	40.562	ng	97
57) 2,4-Dinitrotoluene	14.760	165	441090	40.534	ng	98
58) Fluorene	15.460	166	1248927	36.892	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	366114	39.265	ng	98
60) Diethylphthalate	15.231	149	1417722	38.557	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	617227	36.659	ng	97
62) 4-Nitroaniline	15.472	138	343275	39.020	ng	93
63) Azobenzene	15.754	77	1227772	38.996	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	252080	41.054	ng	93
66) n-Nitrosodiphenylamine	15.666	169	1159140	38.590	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	424114	39.149	ng	98
68) Hexachlorobenzene	16.484	284	475586	37.871	ng	98
69) Atrazine	16.642	200	439834	39.100	ng	99
70) Pentachlorophenol	16.831	266	326152	41.143	ng	97
71) Phenanthrene	17.231	178	2103134	38.868	ng	99
72) Anthracene	17.325	178	2134931	38.636	ng	99
73) Carbazole	17.601	167	2021861	38.846	ng	100
74) Di-n-butylphthalate	18.195	149	2481898	38.758	ng	100
75) Fluoranthene	19.319	202	2479400	38.414	ng	98
77) Benzidine	19.507	184	1958317	55.442	ng	99
78) Pyrene	19.695	202	2556537	38.003	ng	99
80) Butylbenzylphthalate	20.648	149	1180201	38.710	ng	100
81) Benzo(a)anthracene	21.619	228	2630271	38.534	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	986136	38.329	ng	99
83) Chrysene	21.683	228	2435067	38.093	ng	100
84) Bis(2-ethylhexyl)phtha...	21.572	149	1695699	37.783	ng	100
85) Di-n-octyl phthalate	22.854	149	2895926	37.514	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3327360m	37.925	ng	
88) Benzo(b)fluoranthene	23.936	252	2728574	38.679	ng	99
89) Benzo(k)fluoranthene	24.001	252	2641382	37.417	ng	99
90) Benzo(a)pyrene	24.836	252	2625113	38.228	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2743970	38.272	ng	99
92) Benzo(g,h,i)perylene	30.024	276	2685032	38.098	ng	99

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

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