Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025975.D
Acq On : 15 Oct 2025 13:48
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Oct 15 23:08:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	161355	20.000	ng		0.00
21) Naphthalene-d8	10.460	136	727477	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	517182	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1051972	20.000	ng		0.00
76) Chrysene-d12	21.566	240	1045159	20.000	ng		-0.02
86) Perylene-d12	24.913	264	933557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.343	112	422487	42.929	ng		0.00
7) Phenol-d6	6.914	99	599490	43.649	ng		0.00
23) Nitrobenzene-d5	8.849	82	698296	43.145	ng		0.00
42) 2,4,6-Tribromophenol	15.837	330	308153	44.259	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	1739369	43.107	ng		0.00
79) Terphenyl-d14	19.854	244	2798303	42.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	83387	21.390	ng		99
3) Pyridine	3.655	79	231346	21.266	ng		99
4) n-Nitrosodimethylamine	3.567	42	100117	21.000	ng		98
6) Aniline	7.043	93	404184	21.982	ng		98
8) 2-Chlorophenol	7.284	128	245548	21.529	ng		97
9) Benzaldehyde	6.866	77	138236	18.862	ng		99
10) Phenol	6.937	94	306803	22.125	ng		99
11) bis(2-Chloroethyl)ether	7.131	93	250708	22.173	ng		99
12) 1,3-Dichlorobenzene	7.590	146	271225	21.449	ng		98
13) 1,4-Dichlorobenzene	7.731	146	278453	21.613	ng		98
14) 1,2-Dichlorobenzene	8.049	146	270834	21.489	ng		100
15) Benzyl Alcohol	7.955	79	247943	21.210	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.213	45	381401	21.905	ng		99
17) 2-Methylphenol	8.161	107	215980	21.730	ng		98
18) Hexachloroethane	8.760	117	103942	21.142	ng		97
19) n-Nitroso-di-n-propyla...	8.496	70	229997	23.491	ng		98
20) 3+4-Methylphenols	8.496	107	298105	21.526	ng		94
22) Acetophenone	8.519	105	430385	21.762	ng	#	98
24) Nitrobenzene	8.890	77	309739	21.520	ng		98
25) Isophorone	9.413	82	635521	21.863	ng		99
26) 2-Nitrophenol	9.596	139	149293	21.419	ng		99
27) 2,4-Dimethylphenol	9.666	122	252982	21.418	ng		96
28) bis(2-Chloroethoxy)met...	9.878	93	373713	21.977	ng		97
29) 2,4-Dichlorophenol	10.160	162	253688	21.555	ng		99
30) 1,2,4-Trichlorobenzene	10.331	180	277391	20.819	ng		97
31) Naphthalene	10.513	128	840869	21.427	ng		100
32) Benzoic acid	9.855	122	158678	18.503	ng		99
33) 4-Chloroaniline	10.649	127	369506	22.172	ng		97
34) Hexachlorobutadiene	10.790	225	183545	20.815	ng		99
35) Caprolactam	11.449	113	93714	22.376	ng		91
36) 4-Chloro-3-methylphenol	11.790	107	309700	22.414	ng		95
37) 2-Methylnaphthalene	12.125	142	564023	21.952	ng		98
38) 1-Methylnaphthalene	12.343	142	595916	21.988	ng		99
40) 1,2,4,5-Tetrachloroben...	12.496	216	350930	20.838	ng		100
41) Hexachlorocyclopentadiene	12.466	237	148790	19.363	ng		99
43) 2,4,6-Trichlorophenol	12.760	196	226681	21.206	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.860	196	245055	21.053	ng		99
46) 1,1'-Biphenyl	13.137	154	825588	21.132	ng		99
47) 2-Chloronaphthalene	13.184	162	646721	21.172	ng		100
48) 2-Nitroaniline	13.407	65	210263	22.086	ng		99
49) Acenaphthylene	14.037	152	1067380	21.611	ng		99
50) Dimethylphthalate	13.772	163	869280	22.237	ng		99
51) 2,6-Dinitrotoluene	13.901	165	188359	22.316	ng		98
52) Acenaphthene	14.384	154	616090	21.601	ng		99
53) 3-Nitroaniline	14.248	138	189200	22.776	ng		98
54) 2,4-Dinitrophenol	14.484	184	99515	21.609	ng		96
55) Dibenzofuran	14.725	168	1000566	21.909	ng		100
56) 4-Nitrophenol	14.648	139	77058	15.115	ng		95
57) 2,4-Dinitrotoluene	14.713	165	266298	23.285	ng		98
58) Fluorene	15.384	166	814484	22.195	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.978	232	227413	21.773	ng		99
60) Diethylphthalate	15.148	149	876581	22.743	ng		98
61) 4-Chlorophenyl-phenyle...	15.372	204	422031	21.870	ng		98
62) 4-Nitroaniline	15.437	138	177470	23.183	ng		98
63) Azobenzene	15.678	77	808398	22.502	ng		99
65) 4,6-Dinitro-2-methylph...	15.495	198	157990	20.780	ng		98
66) n-Nitrosodiphenylamine	15.595	169	729283	21.547	ng		99
67) 4-Bromophenyl-phenylether	16.290	248	269668	20.769	ng		99
68) Hexachlorobenzene	16.413	284	305226	20.954	ng		98
69) Atrazine	16.578	200	274993	22.522	ng		99
70) Pentachlorophenol	16.795	266	158644	20.557	ng		97
71) Phenanthrene	17.166	178	1292359	21.676	ng		99
72) Anthracene	17.266	178	1325791	21.769	ng		99
73) Carbazole	17.560	167	1216069	22.651	ng		99
74) Di-n-butylphthalate	18.131	149	1498847	22.685	ng		100
75) Fluoranthene	19.266	202	1534276	22.813	ng		98
77) Benzidine	19.472	184	589867	17.614	ng		97
78) Pyrene	19.642	202	1594148	20.680	ng		100
80) Butylbenzylphthalate	20.578	149	649727	21.180	ng		98
81) Benzo(a)anthracene	21.542	228	1517268	21.226	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	523671	20.586	ng		99
83) Chrysene	21.619	228	1470594	21.516	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	857470	20.248	ng		99
85) Di-n-octyl phthalate	22.736	149	1322295	18.286	ng		99
87) Indeno(1,2,3-cd)pyrene	28.701	276	1283190	18.247	ng	#	94
88) Benzo(b)fluoranthene	23.842	252	1309602	22.524	ng		99
89) Benzo(k)fluoranthene	23.919	252	1321543	22.397	ng		99
90) Benzo(a)pyrene	24.736	252	1197223	21.193	ng		100
91) Dibenzo(a,h)anthracene	28.765	278	1040493	18.150	ng		99
92) Benzo(g,h,i)perylene	29.889	276	1003512	17.866	ng		98

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

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