Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025082.D
Acq On : 10 Jul 2025 14:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 11 06:56:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.425	152	409438	20.000	ng		-0.02
21) Naphthalene-d8	10.178	136	1701299	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1080407	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2198797	20.000	ng		0.00
76) Chrysene-d12	21.336	240	2306389	20.000	ng		0.00
86) Perylene-d12	24.483	264	2492507	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	1846736	79.918	ng		-0.01
7) Phenol-d6	6.613	99	2454395	81.391	ng		-0.02
23) Nitrobenzene-d5	8.549	82	2091365	81.753	ng		-0.02
42) 2,4,6-Tribromophenol	15.619	330	1030289	80.723	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	5623496	80.634	ng		0.00
79) Terphenyl-d14	19.671	244	8637733	82.310	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	347477	38.670	ng		99
3) Pyridine	3.478	79	980505	39.857	ng		99
4) n-Nitrosodimethylamine	3.396	42	420487	40.369	ng		99
6) Aniline	6.766	93	1141245	40.506	ng		99
8) 2-Chlorophenol	6.996	128	1043577	40.363	ng		98
9) Benzaldehyde	6.584	77	553287	35.132	ng		98
10) Phenol	6.637	94	1233553	40.259	ng		98
11) bis(2-Chloroethyl)ether	6.860	93	948274	40.213	ng		99
12) 1,3-Dichlorobenzene	7.319	146	1142897	39.498	ng		99
13) 1,4-Dichlorobenzene	7.454	146	1156119	39.463	ng		99
14) 1,2-Dichlorobenzene	7.766	146	1108790	39.344	ng		99
15) Benzyl Alcohol	7.654	79	817086	40.597	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.949	45	1241027	40.475	ng		99
17) 2-Methylphenol	7.854	107	810369	41.058	ng		99
18) Hexachloroethane	8.484	117	388679	40.726	ng		98
19) n-Nitroso-di-n-propyla...	8.213	70	736259	41.169	ng		99
20) 3+4-Methylphenols	8.178	107	1105023	39.971	ng		99
22) Acetophenone	8.225	105	1548207	38.479	ng	#	99
24) Nitrobenzene	8.590	77	1059515	40.662	ng		99
25) Isophorone	9.125	82	1887392	39.479	ng		100
26) 2-Nitrophenol	9.296	139	457452	36.991	ng		98
27) 2,4-Dimethylphenol	9.366	122	697403	39.107	ng		99
28) bis(2-Chloroethoxy)met...	9.607	93	1276202	39.315	ng		100
29) 2,4-Dichlorophenol	9.831	162	997711	40.347	ng		100
30) 1,2,4-Trichlorobenzene	10.043	180	1062633	38.805	ng		98
31) Naphthalene	10.225	128	3407814	38.900	ng		99
32) Benzoic acid	9.501	122	617292	36.374	ng		98
33) 4-Chloroaniline	10.331	127	1284372	39.286	ng		99
34) Hexachlorobutadiene	10.531	225	612184	38.956	ng		99
35) Caprolactam	11.090	113	324341	38.340	ng		97
36) 4-Chloro-3-methylphenol	11.472	107	1038122	40.173	ng		100
37) 2-Methylnaphthalene	11.848	142	2410865	39.004	ng		99
38) 1-Methylnaphthalene	12.078	142	2314332	38.391	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1258634	40.535	ng		100
41) Hexachlorocyclopentadiene	12.225	237	344043	42.419	ng		99
43) 2,4,6-Trichlorophenol	12.478	196	786788	41.847	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.548	196	889365	41.739	ng	99
46) 1,1'-Biphenyl	12.895	154	3117980	39.664	ng	99
47) 2-Chloronaphthalene	12.931	162	2375701	40.209	ng	99
48) 2-Nitroaniline	13.137	65	561527	39.328	ng	96
49) Acenaphthylene	13.801	152	3636361	40.212	ng	99
50) Dimethylphthalate	13.554	163	3001575	39.688	ng	100
51) 2,6-Dinitrotoluene	13.654	165	621086	42.108	ng	98
52) Acenaphthene	14.154	154	2299404	39.452	ng	100
53) 3-Nitroaniline	13.984	138	681319	43.102	ng	98
54) 2,4-Dinitrophenol	14.201	184	251182	37.884	ng	95
55) Dibenzofuran	14.501	168	3799463	39.500	ng	99
56) 4-Nitrophenol	14.307	139	591968	40.580	ng	98
57) 2,4-Dinitrotoluene	14.466	165	840244	39.320	ng	95
58) Fluorene	15.166	166	2955049	39.719	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	797081	41.309	ng	99
60) Diethylphthalate	14.960	149	3070254	40.419	ng	100
61) 4-Chlorophenyl-phenyle...	15.178	204	1455094	39.520	ng	99
62) 4-Nitroaniline	15.183	138	714603	43.113	ng	98
63) Azobenzene	15.472	77	2737574	40.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.248	198	366151	37.919	ng	100
66) n-Nitrosodiphenylamine	15.383	169	2475067	39.333	ng	99
67) 4-Bromophenyl-phenylether	16.083	248	896341	39.814	ng	95
68) Hexachlorobenzene	16.189	284	1082822	39.350	ng	99
69) Atrazine	16.389	200	696647	37.780	ng	100
70) Pentachlorophenol	16.548	266	754913	40.622	ng	99
71) Phenanthrene	16.948	178	4636268	39.461	ng	99
72) Anthracene	17.048	178	4556580	40.425	ng	100
73) Carbazole	17.325	167	4430409	40.200	ng	100
74) Di-n-butylphthalate	17.954	149	5181570	42.220	ng	99
75) Fluoranthene	19.048	202	5526965	40.244	ng	99
77) Benzidine	19.266	184	3957023	97.143	ng	99
78) Pyrene	19.424	202	5640727	39.486	ng	100
80) Butylbenzylphthalate	20.430	149	2120870	39.260	ng	100
81) Benzo(a)anthracene	21.318	228	5597745	40.049	ng	100
82) 3,3'-Dichlorobenzidine	21.254	252	1838327	43.691	ng	100
83) Chrysene	21.377	228	5328372	39.614	ng	100
84) Bis(2-ethylhexyl)phtha...	21.318	149	3289252	43.873	ng	100
85) Di-n-octyl phthalate	22.536	149	5390427	40.328	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	6614331m	41.655	ng	
88) Benzo(b)fluoranthene	23.495	252	5961804	41.094	ng	100
89) Benzo(k)fluoranthene	23.565	252	5751975	39.847	ng	99
90) Benzo(a)pyrene	24.330	252	5170498	41.875	ng	100
91) Dibenzo(a,h)anthracene	28.095	278	5517428	42.037	ng	99
92) Benzo(g,h,i)perylene	29.100	276	5575070	41.118	ng	99

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

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