Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025121.D
Acq On : 14 Jul 2025 15:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 16:32:32 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	502754	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2056763	20.000	ng		0.00
39) Acenaphthene-d10	14.084	164	1334831	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	2722796	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2822672	20.000	ng		0.00
86) Perylene-d12	24.465	264	3067857	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2261684	79.708	ng		0.00
7) Phenol-d6	6.631	99	2973046	80.291	ng		0.00
23) Nitrobenzene-d5	8.566	82	2551891	82.515	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1427612	90.534	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	6782810	78.719	ng		0.00
79) Terphenyl-d14	19.666	244	10335998	80.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	409185	37.085	ng		98
3) Pyridine	3.490	79	1159441	38.382	ng		98
4) n-Nitrosodimethylamine	3.408	42	491247	38.408	ng		98
6) Aniline	6.778	93	1364558	39.442	ng		99
8) 2-Chlorophenol	7.013	128	1286002	40.508	ng		100
9) Benzaldehyde	6.596	77	759496m	39.275	ng		
10) Phenol	6.655	94	1486557	39.511	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	1128151	38.961	ng		99
12) 1,3-Dichlorobenzene	7.331	146	1397825	39.341	ng		99
13) 1,4-Dichlorobenzene	7.472	146	1420797	39.496	ng		99
14) 1,2-Dichlorobenzene	7.778	146	1364695	39.436	ng		99
15) Benzyl Alcohol	7.672	79	1032256	41.768	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1400946	37.210	ng		98
17) 2-Methylphenol	7.872	107	988709	40.796	ng		98
18) Hexachloroethane	8.496	117	486776	41.537	ng		98
19) n-Nitroso-di-n-propyla...	8.237	70	870063	39.621	ng		98
20) 3+4-Methylphenols	8.196	107	1385522	40.815	ng		99
22) Acetophenone	8.237	105	1878880	38.627	ng	#	98
24) Nitrobenzene	8.607	77	1285487	40.808	ng		97
25) Isophorone	9.137	82	2314712	40.050	ng		99
26) 2-Nitrophenol	9.307	139	666782	43.921	ng		99
27) 2,4-Dimethylphenol	9.384	122	865711	40.155	ng		97
28) bis(2-Chloroethoxy)met...	9.619	93	1550842	39.519	ng		99
29) 2,4-Dichlorophenol	9.843	162	1250330	41.824	ng		99
30) 1,2,4-Trichlorobenzene	10.054	180	1333112	40.269	ng		97
31) Naphthalene	10.231	128	4151146	39.196	ng		100
32) Benzoic acid	9.519	122	894883	42.382	ng		98
33) 4-Chloroaniline	10.337	127	1572994	39.799	ng		99
34) Hexachlorobutadiene	10.537	225	784659	41.302	ng		99
35) Caprolactam	11.113	113	406951	39.792	ng		95
36) 4-Chloro-3-methylphenol	11.478	107	1300632	41.633	ng		99
37) 2-Methylnaphthalene	11.854	142	2965957	39.691	ng		99
38) 1-Methylnaphthalene	12.078	142	2864243	39.302	ng		99
40) 1,2,4,5-Tetrachloroben...	12.237	216	1575376	41.065	ng		99
41) Hexachlorocyclopentadiene	12.225	237	471342	47.038	ng		100
43) 2,4,6-Trichlorophenol	12.478	196	1020303	43.923	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.554	196	1130131	42.929	ng	98
46)	1,1'-Biphenyl	12.901	154	3833123	39.468	ng	99
47)	2-Chloronaphthalene	12.931	162	2911323	39.883	ng	99
48)	2-Nitroaniline	13.137	65	731933	41.340	ng	97
49)	Acenaphthylene	13.801	152	4517181	40.432	ng	99
50)	Dimethylphthalate	13.548	163	3713718	39.745	ng	99
51)	2,6-Dinitrotoluene	13.654	165	806527	44.258	ng	98
52)	Acenaphthene	14.154	154	2827846	39.270	ng	99
53)	3-Nitroaniline	13.984	138	872268	44.664	ng	100
54)	2,4-Dinitrophenol	14.201	184	369050	44.033	ng	96
55)	Dibenzofuran	14.501	168	4681748	39.396	ng	99
56)	4-Nitrophenol	14.307	139	763382	42.357	ng	99
57)	2,4-Dinitrotoluene	14.466	165	1112622	41.952	ng	92
58)	Fluorene	15.166	166	3653508	39.747	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.731	232	1041132	43.672	ng	98
60)	Diethylphthalate	14.960	149	3815592	40.657	ng	99
61)	4-Chlorophenyl-phenyle...	15.178	204	1819787	40.005	ng	99
62)	4-Nitroaniline	15.184	138	900360	43.967	ng	99
63)	Azobenzene	15.478	77	3264874	39.068	ng	98
65)	4,6-Dinitro-2-methylph...	15.248	198	532095	43.532	ng	99
66)	n-Nitrosodiphenylamine	15.389	169	3128651	40.151	ng	99
67)	4-Bromophenyl-phenylether	16.089	248	1171374	42.017	ng	98
68)	Hexachlorobenzene	16.195	284	1384944	40.644	ng	98
69)	Atrazine	16.384	200	814704	35.680	ng	100
70)	Pentachlorophenol	16.554	266	1019198	44.288	ng	99
71)	Phenanthrene	16.954	178	5735668	39.423	ng	100
72)	Anthracene	17.042	178	5509348	39.471	ng	100
73)	Carbazole	17.331	167	5370841	39.354	ng	100
74)	Di-n-butylphthalate	17.960	149	6634771	43.657	ng	100
75)	Fluoranthene	19.054	202	6811449	40.052	ng	100
77)	Benzidine	19.260	184	2041181	40.945	ng	99
78)	Pyrene	19.430	202	7061019	40.388	ng	100
80)	Butylbenzylphthalate	20.424	149	2925760	43.786	ng	100
81)	Benzo(a)anthracene	21.324	228	6793208	39.713	ng	100
82)	3,3'-Dichlorobenzidine	21.254	252	2360253	45.835	ng	98
83)	Chrysene	21.389	228	6490523	39.428	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.313	149	4322945	47.115	ng	100
85)	Di-n-octyl phthalate	22.530	149	7222069	43.571	ng	98
87)	Indeno(1,2,3-cd)pyrene	27.995	276	8071349m	41.298	ng	
88)	Benzo(b)fluoranthene	23.489	252	7236993	40.529	ng	99
89)	Benzo(k)fluoranthene	23.554	252	6929129	39.000	ng	99
90)	Benzo(a)pyrene	24.324	252	6280457	41.325	ng	99
91)	Dibenzo(a,h)anthracene	28.089	278	6658419	41.216	ng	99
92)	Benzo(g,h,i)perylene	29.077	276	6785112	40.657	ng	99

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

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