Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025436.D
Acq On : 15 Aug 2025 21:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 18 01:37:05 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	166135	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	710479	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	456766	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	916670	20.000	ng		0.00
76) Chrysene-d12	21.630	240	933454	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1056853	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	862200	86.186	ng		0.00
7) Phenol-d6	6.967	99	1135967	88.568	ng		0.00
23) Nitrobenzene-d5	8.931	82	1224664	87.195	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	544037	88.488	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2790655	83.499	ng		0.00
79) Terphenyl-d14	19.913	244	4367516	85.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	160658	41.000	ng		98
3) Pyridine	3.725	79	439304	40.960	ng		94
4) n-Nitrosodimethylamine	3.637	42	200626	45.373	ng		96
6) Aniline	7.125	93	757650	43.843	ng		99
8) 2-Chlorophenol	7.367	128	495342	43.878	ng		99
9) Benzaldehyde	6.937	77	437036	48.635	ng		98
10) Phenol	6.996	94	590307	43.862	ng		98
11) bis(2-Chloroethyl)ether	7.214	93	453562	43.239	ng		99
12) 1,3-Dichlorobenzene	7.684	146	543009	43.622	ng		99
13) 1,4-Dichlorobenzene	7.825	146	546465	42.950	ng		99
14) 1,2-Dichlorobenzene	8.137	146	530443	43.069	ng		97
15) Benzyl Alcohol	8.025	79	454736	44.621	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.308	45	634562	45.158	ng		99
17) 2-Methylphenol	8.219	107	414498	44.345	ng		98
18) Hexachloroethane	8.861	117	206177	44.074	ng		96
19) n-Nitroso-di-n-propyla...	8.584	70	368678	43.396	ng		98
20) 3+4-Methylphenols	8.543	107	564553	43.573	ng		97
22) Acetophenone	8.596	105	762747	42.809	ng	#	98
24) Nitrobenzene	8.972	77	551258	43.917	ng		100
25) Isophorone	9.496	82	1033357	41.573	ng		98
26) 2-Nitrophenol	9.672	139	283328	43.982	ng		100
27) 2,4-Dimethylphenol	9.737	122	481271	43.443	ng		98
28) bis(2-Chloroethoxy)met...	9.966	93	637027	42.398	ng		99
29) 2,4-Dichlorophenol	10.208	162	486914	44.245	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	515873	42.762	ng		98
31) Naphthalene	10.613	128	1558976	42.217	ng		99
32) Benzoic acid	9.878	122	346284	42.339	ng		94
33) 4-Chloroaniline	10.713	127	693770	42.532	ng		99
34) Hexachlorobutadiene	10.902	225	326490	43.456	ng		99
35) Caprolactam	11.496	113	167685	41.554	ng		98
36) 4-Chloro-3-methylphenol	11.831	107	539188	42.698	ng		96
37) 2-Methylnaphthalene	12.207	142	1008537	41.968	ng		98
38) 1-Methylnaphthalene	12.431	142	1057345	41.373	ng		100
40) 1,2,4,5-Tetrachloroben...	12.584	216	577904	43.807	ng		99
41) Hexachlorocyclopentadiene	12.566	237	295524	37.087	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	398621	44.759	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	440218	45.101	ng	99
46) 1,1'-Biphenyl	13.225	154	1452635	43.790	ng	99
47) 2-Chloronaphthalene	13.272	162	1120958	43.406	ng	98
48) 2-Nitroaniline	13.466	65	348676	46.337	ng	98
49) Acenaphthylene	14.119	152	1830675	42.840	ng	100
50) Dimethylphthalate	13.849	163	1455084	43.502	ng	99
51) 2,6-Dinitrotoluene	13.972	165	318483	45.175	ng	98
52) Acenaphthene	14.460	154	1068266m	42.589	ng	
53) 3-Nitroaniline	14.296	138	356395	44.932	ng	99
54) 2,4-Dinitrophenol	14.501	184	122865	32.634	ng	96
55) Dibenzofuran	14.807	168	1689125	42.593	ng	99
56) 4-Nitrophenol	14.613	139	295639	45.358	ng	94
57) 2,4-Dinitrotoluene	14.766	165	454531	45.189	ng	99
58) Fluorene	15.466	166	1287972	41.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.043	232	380952	44.201	ng	97
60) Diethylphthalate	15.231	149	1468089	43.195	ng	100
61) 4-Chlorophenyl-phenyle...	15.454	204	641804	41.240	ng	96
62) 4-Nitroaniline	15.478	138	350711	43.130	ng	95
63) Azobenzene	15.760	77	1297353	44.580	ng	98
65) 4,6-Dinitro-2-methylph...	15.543	198	201944	35.341	ng	97
66) n-Nitrosodiphenylamine	15.678	169	1208784	43.243	ng	98
67) 4-Bromophenyl-phenylether	16.372	248	442865	43.928	ng	98
68) Hexachlorobenzene	16.490	284	498920	42.691	ng	99
69) Atrazine	16.648	200	458257	43.775	ng	96
70) Pentachlorophenol	16.842	266	327120	44.342	ng	98
71) Phenanthrene	17.242	178	2130157	42.302	ng	100
72) Anthracene	17.331	178	2204625	42.872	ng	99
73) Carbazole	17.613	167	2067991	42.695	ng	99
74) Di-n-butylphthalate	18.201	149	2603783	43.693	ng	100
75) Fluoranthene	19.319	202	2518758	41.933	ng	99
77) Benzidine	19.507	184	1508404	47.349	ng	100
78) Pyrene	19.689	202	2619981	43.183	ng	100
80) Butylbenzylphthalate	20.642	149	1256440	45.693	ng	99
81) Benzo(a)anthracene	21.613	228	2626516	42.665	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	1026166	44.224	ng	100
83) Chrysene	21.677	228	2465631	42.767	ng	100
84) Bis(2-ethylhexyl)phtha...	21.560	149	1800639	44.485	ng	99
85) Di-n-octyl phthalate	22.848	149	3138516	45.079	ng	99
87) Indeno(1,2,3-cd)pyrene	28.807	276	3296276	42.530	ng	99
88) Benzo(b)fluoranthene	23.930	252	2712012	43.518	ng	99
89) Benzo(k)fluoranthene	24.001	252	2673968	42.878	ng	99
90) Benzo(a)pyrene	24.830	252	2622614	43.232	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2716441	42.888	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2661609	42.750	ng	100

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

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