Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042525\
Data File : BP024417.D
Acq On : 25 Apr 2025 11:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 11:29:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/28/2025
Supervised By :Jagrut Upadhyay 04/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	177364	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	710203	20.000	ng		-0.01
39) Acenaphthene-d10	14.351	164	443557	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	892997	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1007888	20.000	ng		0.00
86) Perylene-d12	24.904	264	1165642	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	828643	77.249	ng		0.00
7) Phenol-d6	6.905	99	1085296	73.890	ng		0.00
23) Nitrobenzene-d5	8.858	82	1006821	80.836	ng		-0.01
42) 2,4,6-Tribromophenol	15.869	330	537433	87.575	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2320720	80.109	ng		0.00
79) Terphenyl-d14	19.863	244	3916543	78.325	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	174372	38.431	ng		96
3) Pyridine	3.681	79	423739	35.368	ng		95
4) n-Nitrosodimethylamine	3.593	42	166288	41.821	ng		85
6) Aniline	7.058	93	480631	36.619	ng		98
8) 2-Chlorophenol	7.293	128	457502	38.200	ng		99
9) Benzaldehyde	6.875	77	345528	47.556	ng		97
10) Phenol	6.928	94	540245	36.666	ng		93
11) bis(2-Chloroethyl)ether	7.146	93	431096	36.313	ng		98
12) 1,3-Dichlorobenzene	7.611	146	491589	38.127	ng		100
13) 1,4-Dichlorobenzene	7.752	146	501042	38.300	ng		99
14) 1,2-Dichlorobenzene	8.069	146	479209	37.935	ng		99
15) Benzyl Alcohol	7.958	79	373844	39.357	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	471264	36.726	ng		99
17) 2-Methylphenol	8.164	107	360051	37.774	ng		98
18) Hexachloroethane	8.781	117	186409	39.429	ng		99
19) n-Nitroso-di-n-propyla...	8.516	70	332717	36.615	ng		97
20) 3+4-Methylphenols	8.487	107	496877	37.569	ng		99
22) Acetophenone	8.528	105	687893	39.134	ng	#	98
24) Nitrobenzene	8.905	77	488751	39.667	ng		98
25) Isophorone	9.422	82	874997	38.812	ng		98
26) 2-Nitrophenol	9.611	139	257487	42.703	ng		97
27) 2,4-Dimethylphenol	9.675	122	299006	39.493	ng		98
28) bis(2-Chloroethoxy)met...	9.899	93	578619	37.993	ng		99
29) 2,4-Dichlorophenol	10.146	162	417942	40.486	ng		98
30) 1,2,4-Trichlorobenzene	10.352	180	445528	40.281	ng		97
31) Naphthalene	10.534	128	1458253	38.979	ng		99
32) Benzoic acid	9.822	122	338951	38.421	ng		98
33) 4-Chloroaniline	10.652	127	516957	39.239	ng		100
34) Hexachlorobutadiene	10.816	225	277445	42.688	ng		99
35) Caprolactam	11.440	113	147342	38.682	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	482338	40.115	ng		100
37) 2-Methylnaphthalene	12.140	142	1006381	38.789	ng		97
38) 1-Methylnaphthalene	12.369	142	970282	38.228	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	503788	41.301	ng		99
41) Hexachlorocyclopentadiene	12.499	237	264769	61.373	ng		100
43) 2,4,6-Trichlorophenol	12.763	196	334764	41.279	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	364624	40.601	ng	99
46) 1,1'-Biphenyl	13.169	154	1280239	39.267	ng	99
47) 2-Chloronaphthalene	13.210	162	965822	39.635	ng	99
48) 2-Nitroaniline	13.422	65	284978	41.693	ng	98
49) Acenaphthylene	14.069	152	1499921	39.096	ng	100
50) Dimethylphthalate	13.804	163	1282584	39.762	ng	100
51) 2,6-Dinitrotoluene	13.934	165	277788	40.556	ng	96
52) Acenaphthene	14.416	154	956243	39.316	ng	99
53) 3-Nitroaniline	14.263	138	287426	39.926	ng	99
54) 2,4-Dinitrophenol	14.475	184	158670	39.326	ng	96
55) Dibenzofuran	14.757	168	1531708	38.527	ng	97
56) 4-Nitrophenol	14.604	139	234235	37.674	ng	94
57) 2,4-Dinitrotoluene	14.722	165	396071	42.390	ng	97
58) Fluorene	15.416	166	1226789	39.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.993	232	341747	41.260	ng	99
60) Diethylphthalate	15.193	149	1330725	40.033	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	597431	39.975	ng	99
62) 4-Nitroaniline	15.445	138	305291	40.059	ng	90
63) Azobenzene	15.716	77	1213412	39.716	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	221328	39.312	ng	98
66) n-Nitrosodiphenylamine	15.634	169	1034288	38.804	ng	100
67) 4-Bromophenyl-phenylether	16.328	248	399744	40.930	ng	99
68) Hexachlorobenzene	16.445	284	478774	41.255	ng	98
69) Atrazine	16.610	200	272884	40.198	ng	99
70) Pentachlorophenol	16.798	266	334592	41.327	ng	99
71) Phenanthrene	17.192	178	1851133	37.999	ng	100
72) Anthracene	17.292	178	1850679	39.417	ng	100
73) Carbazole	17.575	167	1803133	39.305	ng	99
74) Di-n-butylphthalate	18.157	149	2367321	41.420	ng	100
75) Fluoranthene	19.281	202	2312401	39.911	ng	98
77) Benzidine	19.475	184	469611m	36.758	ng	
78) Pyrene	19.657	202	2412743	37.668	ng	99
80) Butylbenzylphthalate	20.598	149	1109922	40.456	ng	98
81) Benzo(a)anthracene	21.569	228	2435194	38.872	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	837323	38.081	ng	99
83) Chrysene	21.633	228	2325029	38.739	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1621033	40.305	ng	99
85) Di-n-octyl phthalate	22.763	149	2719568	41.594	ng	99
87) Indeno(1,2,3-cd)pyrene	28.680	276	3281565	40.551	ng	97
88) Benzo(b)fluoranthene	23.851	252	2727448	39.036	ng	98
89) Benzo(k)fluoranthene	23.922	252	2660848	39.426	ng	98
90) Benzo(a)pyrene	24.751	252	2390877	39.670	ng	98
91) Dibenzo(a,h)anthracene	28.751	278	2716905	40.449	ng	98
92) Benzo(g,h,i)perylene	29.851	276	2751429	40.244	ng	97

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

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