Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025405.D
Acq On : 14 Aug 2025 22:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 15 01:38:01 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	125696	20.000	ng		0.00
21) Naphthalene-d8	10.554	136	523394	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	347617	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	711916	20.000	ng		0.00
76) Chrysene-d12	21.642	240	755861	20.000	ng		0.00
86) Perylene-d12	25.007	264	870596	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	613743	81.088	ng		0.00
7) Phenol-d6	6.966	99	791903	81.606	ng		0.00
23) Nitrobenzene-d5	8.931	82	844645	81.634	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	384325	82.139	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2044524	80.382	ng		0.00
79) Terphenyl-d14	19.913	244	3228271	78.141	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	119811	40.412	ng		99
3) Pyridine	3.731	79	323677	39.888	ng		97
4) n-Nitrosodimethylamine	3.637	42	137499	41.101	ng		100
6) Aniline	7.125	93	535660	40.970	ng		99
8) 2-Chlorophenol	7.360	128	344395	40.322	ng		98
9) Benzaldehyde	6.937	77	321407	47.275	ng		97
10) Phenol	6.990	94	415144	40.771	ng		97
11) bis(2-Chloroethyl)ether	7.213	93	317837	40.048	ng		99
12) 1,3-Dichlorobenzene	7.684	146	384528	40.829	ng		99
13) 1,4-Dichlorobenzene	7.825	146	390491	40.565	ng		97
14) 1,2-Dichlorobenzene	8.137	146	369165	39.617	ng		97
15) Benzyl Alcohol	8.019	79	313588	40.671	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	417099	39.232	ng		100
17) 2-Methylphenol	8.225	107	288474	40.791	ng		99
18) Hexachloroethane	8.860	117	140690	39.750	ng		93
19) n-Nitroso-di-n-propyla...	8.584	70	261390	40.666	ng		97
20) 3+4-Methylphenols	8.549	107	399643	40.768	ng		97
22) Acetophenone	8.601	105	537231	40.930	ng	#	97
24) Nitrobenzene	8.972	77	380213	41.117	ng		100
25) Isophorone	9.496	82	744195	40.642	ng		99
26) 2-Nitrophenol	9.672	139	194543	40.994	ng		99
27) 2,4-Dimethylphenol	9.737	122	335562	41.117	ng		95
28) bis(2-Chloroethoxy)met...	9.966	93	441941	39.927	ng		100
29) 2,4-Dichlorophenol	10.207	162	336641	41.524	ng		99
30) 1,2,4-Trichlorobenzene	10.419	180	354463	39.885	ng		98
31) Naphthalene	10.607	128	1093427	40.194	ng		99
32) Benzoic acid	9.866	122	233390	38.736	ng		99
33) 4-Chloroaniline	10.707	127	495623	41.245	ng		99
34) Hexachlorobutadiene	10.896	225	224258	40.518	ng		98
35) Caprolactam	11.484	113	123107	41.412	ng		96
36) 4-Chloro-3-methylphenol	11.831	107	385915	41.484	ng		100
37) 2-Methylnaphthalene	12.213	142	705161	39.832	ng		98
38) 1-Methylnaphthalene	12.431	142	747864	39.723	ng		98
40) 1,2,4,5-Tetrachloroben...	12.578	216	405013	40.342	ng		100
41) Hexachlorocyclopentadiene	12.566	237	260202	42.907	ng		100
43) 2,4,6-Trichlorophenol	12.819	196	278358	41.069	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	307958	41.457	ng	97
46) 1,1'-Biphenyl	13.225	154	1008154	39.933	ng	99
47) 2-Chloronaphthalene	13.266	162	792217	40.309	ng	99
48) 2-Nitroaniline	13.466	65	242354	42.321	ng	98
49) Acenaphthylene	14.119	152	1339242	41.180	ng	100
50) Dimethylphthalate	13.854	163	1040970	40.894	ng	99
51) 2,6-Dinitrotoluene	13.966	165	224718	41.884	ng	99
52) Acenaphthene	14.472	154	781821	40.956	ng	100
53) 3-Nitroaniline	14.289	138	253400	41.978	ng	98
54) 2,4-Dinitrophenol	14.507	184	119870	41.836	ng	97
55) Dibenzofuran	14.807	168	1213914	40.222	ng	99
56) 4-Nitrophenol	14.613	139	206425	41.615	ng	96
57) 2,4-Dinitrotoluene	14.760	165	324412	42.379	ng	98
58) Fluorene	15.466	166	964155	40.486	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	274669	41.876	ng	99
60) Diethylphthalate	15.242	149	1047107	40.483	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	476298	40.215	ng	98
62) 4-Nitroaniline	15.472	138	261619	42.276	ng	98
63) Azobenzene	15.760	77	910196	41.097	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	180993	40.785	ng	99
66) n-Nitrosodiphenylamine	15.678	169	864418	39.818	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	310981	39.718	ng	96
68) Hexachlorobenzene	16.489	284	361031	39.777	ng	100
69) Atrazine	16.654	200	329865	40.573	ng	99
70) Pentachlorophenol	16.842	266	256195	44.716	ng	96
71) Phenanthrene	17.242	178	1561490	39.928	ng	99
72) Anthracene	17.330	178	1600393	40.073	ng	99
73) Carbazole	17.607	167	1529199	40.652	ng	99
74) Di-n-butylphthalate	18.213	149	1855338	40.088	ng	99
75) Fluoranthene	19.324	202	1879703	40.295	ng	98
77) Benzidine	19.507	184	1255588	48.674	ng	99
78) Pyrene	19.695	202	1927979	39.243	ng	99
80) Butylbenzylphthalate	20.648	149	888903	39.923	ng	96
81) Benzo(a)anthracene	21.618	228	2011424	40.350	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	771557	41.063	ng	99
83) Chrysene	21.689	228	1894765	40.587	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1295582	39.528	ng	99
85) Di-n-octyl phthalate	22.860	149	2243739	39.799	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2567850m	40.219	ng	
88) Benzo(b)fluoranthene	23.942	252	2087946	40.672	ng	100
89) Benzo(k)fluoranthene	24.024	252	2049523	39.896	ng	99
90) Benzo(a)pyrene	24.854	252	2004437	40.111	ng	99
91) Dibenzo(a,h)anthracene	28.930	278	2103391	40.314	ng	98
92) Benzo(g,h,i)perylene	30.012	276	2062390	40.212	ng	99

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

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