Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
Data File : BP025269.D
Acq On : 29 Jul 2025 20:12
Operator : CG/JU
Sample : Q2681-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NYPA-POUCH-SPENT-CARBONMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

Quant Time: Jul 30 01:40:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.396	152	384313	20.000	ng		0.00
21) Naphthalene-d8	10.137	136	1463131	20.000	ng		0.00
39) Acenaphthene-d10	14.048	164	919304	20.000	ng		0.00
64) Phenanthrene-d10	16.860	188	1866637	20.000	ng		-0.02
76) Chrysene-d12	21.301	240	2042819	20.000	ng		0.00
86) Perylene-d12	24.413	264	2451111	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	2696700	118.561	ng		0.00
7) Phenol-d6	6.655	99	3075432	109.170	ng		0.00
23) Nitrobenzene-d5	8.537	82	2167060	82.310	ng		0.00
42) 2,4,6-Tribromophenol	15.584	330	1679480	123.923	ng		0.00
45) 2-Fluorobiphenyl	12.649	172	5391924	82.689	ng		0.00
79) Terphenyl-d14	19.630	244	8923038	86.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.114	88	338535	39.713	ng	#	96
3) Pyridine	3.520	79	793080	34.755	ng		98
4) n-Nitrosodimethylamine	3.396	42	397104	43.881	ng	#	88
6) Aniline	6.784	93	178601	4.850	ng		96
8) 2-Chlorophenol	7.002	128	1114999	43.204	ng		100
9) Benzaldehyde	6.572	77	348966	18.270	ng		98
10) Phenol	6.684	94	1151175	39.403	ng		98
11) bis(2-Chloroethyl)ether	6.849	93	1135535	50.698	ng		98
12) 1,3-Dichlorobenzene	7.290	146	1151769	39.686	ng		99
13) 1,4-Dichlorobenzene	7.431	146	1177249	40.187	ng		100
14) 1,2-Dichlorobenzene	7.743	146	1139528	40.436	ng		100
15) Benzyl Alcohol	7.666	79	792322	38.991	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1254412	43.771	ng		96
17) 2-Methylphenol	7.890	107	865685	42.741	ng		99
18) Hexachloroethane	8.443	117	405426	40.244	ng		97
19) n-Nitroso-di-n-propyla...	8.208	70	731066	43.138	ng		97
20) 3+4-Methylphenols	8.219	107	1165488	42.185	ng	#	47
22) Acetophenone	8.213	105	1535160	45.091	ng	#	93
24) Nitrobenzene	8.578	77	1076296	45.860	ng		95
25) Isophorone	9.108	82	2002828	43.259	ng		99
26) 2-Nitrophenol	9.284	139	582550	43.224	ng		99
27) 2,4-Dimethylphenol	9.390	122	956631	42.419	ng		99
28) bis(2-Chloroethoxy)met...	9.584	93	1320917	45.613	ng		99
29) 2,4-Dichlorophenol	9.860	162	1079385	46.588	ng		100
30) 1,2,4-Trichlorobenzene	10.007	180	1085487	42.895	ng		100
31) Naphthalene	10.190	128	3323310	44.387	ng		100
32) Benzoic acid	9.596	122	577891	33.566	ng		97
33) 4-Chloroaniline	10.355	127	619437	18.821	ng		98
34) Hexachlorobutadiene	10.478	225	633187	41.572	ng		100
35) Caprolactam	11.184	113	284341m	36.978	ng		
36) 4-Chloro-3-methylphenol	11.502	107	1067578	46.095	ng		97
37) 2-Methylnaphthalene	11.813	142	2179110	44.822	ng		100
38) 1-Methylnaphthalene	12.037	142	2276940	44.586	ng		100
40) 1,2,4,5-Tetrachloroben...	12.196	216	1243323	45.120	ng		99
41) Hexachlorocyclopentadiene	12.178	237	1445082	87.850	ng		99
43) 2,4,6-Trichlorophenol	12.466	196	883848	46.943	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	977492	47.177	ng		98
46) 1,1'-Biphenyl	12.854	154	3140735	47.128	ng		100
47) 2-Chloronaphthalene	12.896	162	2437041	46.840	ng		99
48) 2-Nitroaniline	13.131	65	660751	49.729	ng		96
49) Acenaphthylene	13.766	152	4013771	47.696	ng		99
50) Dimethylphthalate	13.525	163	3260363	49.591	ng		99
51) 2,6-Dinitrotoluene	13.637	165	693455	48.543	ng		93
52) Acenaphthene	14.113	154	2312181	47.515	ng		99
53) 3-Nitroaniline	13.978	138	545241	33.846	ng		98
54) 2,4-Dinitrophenol	14.195	184	892835	105.485	ng		100
55) Dibenzofuran	14.460	168	3712217	47.227	ng		97
56) 4-Nitrophenol	14.378	139	816827	59.254	ng		94
57) 2,4-Dinitrotoluene	14.448	165	1009757	50.496	ng	#	85
58) Fluorene	15.119	166	3100271	49.681	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.707	232	853501	46.547	ng		98
60) Diethylphthalate	14.919	149	3476197	53.645	ng		99
61) 4-Chlorophenyl-phenyle...	15.137	204	1537390	48.755	ng		98
62) 4-Nitroaniline	15.178	138	625614	38.186	ng		94
63) Azobenzene	15.437	77	2685720	50.861	ng		97
65) 4,6-Dinitro-2-methylph...	15.225	198	595858	49.463	ng		97
66) n-Nitrosodiphenylamine	15.354	169	2683601	47.366	ng		99
67) 4-Bromophenyl-phenylether	16.042	248	1003614	46.070	ng		99
68) Hexachlorobenzene	16.160	284	1200457	46.402	ng		96
69) Atrazine	16.360	200	904892	43.161	ng		99
70) Pentachlorophenol	16.531	266	1506856	85.653	ng		99
71) Phenanthrene	16.907	178	4876471	48.437	ng		100
72) Anthracene	17.001	178	4920039	48.511	ng		100
73) Carbazole	17.301	167	4746270	49.022	ng		99
74) Di-n-butylphthalate	17.907	149	5836621	52.247	ng		100
75) Fluoranthene	19.019	202	5907476	49.857	ng		99
77) Benzidine	19.248	184	271219	3.782	ng		99
78) Pyrene	19.395	202	6120414	48.591	ng		99
80) Butylbenzylphthalate	20.383	149	2726097	47.812	ng		94
81) Benzo(a)anthracene	21.283	228	6316731	48.965	ng		100
82) 3,3'-Dichlorobenzidine	21.230	252	1735400	32.452	ng		98
83) Chrysene	21.342	228	5968936	49.565	ng		100
84) Bis(2-ethylhexyl)phtha...	21.266	149	4071078	49.935	ng		100
85) Di-n-octyl phthalate	22.472	149	6848496	48.646	ng		99
87) Indeno(1,2,3-cd)pyrene	27.912	276	8894612	49.657	ng	#	93
88) Benzo(b)fluoranthene	23.430	252	6977383	49.730	ng		100
89) Benzo(k)fluoranthene	23.507	252	6643005	47.960	ng		100
90) Benzo(a)pyrene	24.266	252	6593961	48.169	ng		100
91) Dibenzo(a,h)anthracene	28.007	278	7314231	50.051	ng		99
92) Benzo(g,h,i)perylene	29.006	276	7190257	50.066	ng		99

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

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