Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025160.D
Acq On : 16 Jul 2025 16:12
Operator : CG/JU
Sample : Q2586-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 16 16:34:38 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 :
TP-16MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	628771	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2380833	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1504600	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3011946	20.000	ng	0.01
76) Chrysene-d12	21.366	240	2944568	20.000	ng	0.02
86) Perylene-d12	24.501	264	3502501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3422323	96.440	ng	0.01
7) Phenol-d6	6.643	99	4412410	95.281	ng	0.01
23) Nitrobenzene-d5	8.572	82	2466738	68.905	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	2214547	124.592	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	5771773	59.427	ng	0.00
79) Terphenyl-d14	19.689	244	9781981	73.012	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	501482	36.341	ng	99
3) Pyridine	3.490	79	1403920	37.161	ng	98
4) n-Nitrosodimethylamine	3.408	42	611860	38.251	ng	86
6) Aniline	6.784	93	1705164	39.409	ng	99
8) 2-Chlorophenol	7.019	128	1802600	45.400	ng	98
9) Benzaldehyde	6.596	77	1000729	41.378	ng	98
10) Phenol	6.666	94	2088154	44.378	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1496376	41.321	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1927029	43.366	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1956925	43.497	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1872844	43.274	ng	98
15) Benzyl Alcohol	7.678	79	1392501	45.052	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1921959	40.817	ng	99
17) 2-Methylphenol	7.884	107	1404886	46.350	ng	99
18) Hexachloroethane	8.496	117	673003	45.919	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	1098033	39.981	ng	97
20) 3+4-Methylphenols	8.207	107	1918560	45.190	ng	98
22) Acetophenone	8.249	105	2405490	42.722	ng	97
24) Nitrobenzene	8.613	77	1650653	45.267	ng	96
25) Isophorone	9.143	82	3125581	46.719	ng	98
26) 2-Nitrophenol	9.313	139	984128	55.092	ng	98
27) 2,4-Dimethylphenol	9.396	122	1660894	66.552	ng	100
28) bis(2-Chloroethoxy)met...	9.619	93	2019173	44.449	ng	99
29) 2,4-Dichlorophenol	9.849	162	1727583	49.923	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1789431	46.695	ng	98
31) Naphthalene	10.243	128	5210779	42.504	ng	100
32) Benzoic acid	9.549	122	1372148	54.126	ng	95
33) 4-Chloroaniline	10.349	127	1083181	23.676	ng	99
34) Hexachlorobutadiene	10.543	225	982461	44.675	ng	100
35) Caprolactam	11.137	113	511499	43.207	ng	97
36) 4-Chloro-3-methylphenol	11.501	107	1655102	45.768	ng	98
37) 2-Methylnaphthalene	11.872	142	3393093	39.227	ng	100
38) 1-Methylnaphthalene	12.095	142	3564453	42.252	ng	100
40) 1,2,4,5-Tetrachloroben...	12.248	216	1980495	45.800	ng	99
41) Hexachlorocyclopentadiene	12.237	237	2065192	182.842	ng	99
43) 2,4,6-Trichlorophenol	12.501	196	1365023	52.132	ng	99

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1516287	51.098	ng		99
46) 1,1'-Biphenyl	12.913	154	4468217	40.816	ng		99
47) 2-Chloronaphthalene	12.948	162	3459444	42.044	ng		99
48) 2-Nitroaniline	13.154	65	902729	44.973	ng		91
49) Acenaphthylene	13.813	152	6132843	48.699	ng		100
50) Dimethylphthalate	13.566	163	4638188	44.038	ng		100
51) 2,6-Dinitrotoluene	13.672	165	1010950	49.216	ng		93
52) Acenaphthene	14.172	154	3495080	43.060	ng		99
53) 3-Nitroaniline	14.001	138	757512	34.411	ng		96
54) 2,4-Dinitrophenol	14.225	184	1169730	114.062	ng	#	89
55) Dibenzofuran	14.519	168	5207092	38.872	ng		100
56) 4-Nitrophenol	14.342	139	2034106	100.129	ng		95
57) 2,4-Dinitrotoluene	14.484	165	1354697	45.105	ng		90
58) Fluorene	15.172	166	4211120	40.644	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1258069	46.818	ng		96
60) Diethylphthalate	14.972	149	4304212	40.689	ng		100
61) 4-Chlorophenyl-phenyle...	15.184	204	2092058	40.801	ng		99
62) 4-Nitroaniline	15.195	138	1023784	44.353	ng		98
63) Azobenzene	15.484	77	4066183	43.166	ng		95
65) 4,6-Dinitro-2-methylph...	15.266	198	725725	52.373	ng		95
66) n-Nitrosodiphenylamine	15.401	169	3718193	43.136	ng		99
67) 4-Bromophenyl-phenylether	16.107	248	1521847	49.348	ng		98
68) Hexachlorobenzene	16.213	284	1785730	47.375	ng		99
69) Atrazine	16.401	200	1465163	58.006	ng		98
70) Pentachlorophenol	16.566	266	2590493	101.761	ng		99
71) Phenanthrene	16.966	178	7237721	44.971	ng		100
72) Anthracene	17.066	178	7315237	47.378	ng		100
73) Carbazole	17.348	167	6873537	45.530	ng		99
74) Di-n-butylphthalate	17.966	149	7667267	45.608	ng		99
75) Fluoranthene	19.066	202	8307593	44.160	ng		99
77) Benzidine	19.283	184	4993570	96.021	ng		98
78) Pyrene	19.448	202	9035679	49.543	ng		100
80) Butylbenzylphthalate	20.442	149	3574983	50.656	ng		97
81) Benzo(a)anthracene	21.342	228	8461912	47.420	ng		100
82) 3,3'-Dichlorobenzidine	21.271	252	2700101	50.264	ng		99
83) Chrysene	21.407	228	7794704	45.391	ng		100
84) Bis(2-ethylhexyl)phtha...	21.330	149	5042006	52.677	ng		99
85) Di-n-octyl phthalate	22.548	149	9655163	54.122	ng		98
87) Indeno(1,2,3-cd)pyrene	28.059	276	11828955m	53.014	ng		
88) Benzo(b)fluoranthene	23.524	252	9398618	46.103	ng		99
89) Benzo(k)fluoranthene	23.595	252	8741479	43.095	ng		99
90) Benzo(a)pyrene	24.365	252	9110282	52.506	ng		99
91) Dibenzo(a,h)anthracene	28.142	278	9410793	51.024	ng		98
92) Benzo(g,h,i)perylene	29.148	276	9536802	50.054	ng		98

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

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