Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025192.D
Acq On : 18 Jul 2025 14:33
Operator : CG/JU
Sample : Q2597-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025

Quant Time: Jul 18 14:51:01 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	718069	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2875357	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1762354	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	3047795	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3398852	20.000	ng	0.02
86) Perylene-d12	24.524	264	4139648	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3354831	82.781	ng	0.01
7) Phenol-d6	6.643	99	4278992	80.909	ng	0.01
23) Nitrobenzene-d5	8.572	82	2584466	59.777	ng	0.00
42) 2,4,6-Tribromophenol	15.637	330	2184054	104.905	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	6896816	60.625	ng	0.00
79) Terphenyl-d14	19.689	244	9692693	62.676	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	522161	33.134	ng	99
3) Pyridine	3.490	79	1448416	33.571	ng	97
4) n-Nitrosodimethylamine	3.402	42	635044	34.763	ng	91
6) Aniline	6.784	93	1435687	29.055	ng	99
8) 2-Chlorophenol	7.019	128	2071338	45.681	ng	98
9) Benzaldehyde	6.596	77	1191263	43.131	ng	96
10) Phenol	6.672	94	2309080	42.970	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1713531	41.433	ng	97
12) 1,3-Dichlorobenzene	7.331	146	2203625	43.423	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2220399	43.216	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2161225	43.727	ng	99
15) Benzyl Alcohol	7.678	79	1543453	43.726	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	2137331	39.746	ng	97
17) 2-Methylphenol	7.890	107	1587575	45.864	ng	99
18) Hexachloroethane	8.502	117	759284	45.363	ng	97
19) n-Nitroso-di-n-propyla...	8.237	70	1228521	39.169	ng	97
20) 3+4-Methylphenols	8.208	107	2160042	44.551	ng	97
22) Acetophenone	8.243	105	2675246	39.341	ng	98
24) Nitrobenzene	8.613	77	1880097	42.692	ng	95
25) Isophorone	9.143	82	3565539	44.129	ng	98
26) 2-Nitrophenol	9.313	139	1092514	50.908	ng	97
27) 2,4-Dimethylphenol	9.390	122	1846201	61.254	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2268251	41.345	ng	100
29) 2,4-Dichlorophenol	9.849	162	1978308	47.336	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	2089765	45.153	ng	98
31) Naphthalene	10.243	128	6118039	41.322	ng	100
32) Benzoic acid	9.560	122	1566557	51.506	ng	96
33) 4-Chloroaniline	10.349	127	1248930	22.604	ng	99
34) Hexachlorobutadiene	10.531	225	1279328	48.169	ng	99
35) Caprolactam	11.143	113	601704m	42.085	ng	
36) 4-Chloro-3-methylphenol	11.496	107	1897199	43.440	ng	100
37) 2-Methylnaphthalene	11.860	142	3935923	37.677	ng	100
38) 1-Methylnaphthalene	12.096	142	4079783	40.044	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	2361542	46.625	ng	99
41) Hexachlorocyclopentadiene	12.225	237	1532451	115.832	ng	98
43) 2,4,6-Trichlorophenol	12.496	196	1617632	52.744	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1741173	50.095	ng		98
46) 1,1'-Biphenyl	12.907	154	5453993	42.534	ng		100
47) 2-Chloronaphthalene	12.943	162	4280520	44.415	ng		99
48) 2-Nitroaniline	13.154	65	1093525	46.416	ng		92
49) Acenaphthylene	13.813	152	6827598	46.287	ng		100
50) Dimethylphthalate	13.566	163	5063196	41.042	ng		99
51) 2,6-Dinitrotoluene	13.666	165	1192272	49.554	ng		92
52) Acenaphthene	14.166	154	3864705	40.650	ng		99
53) 3-Nitroaniline	13.995	138	1017787	39.472	ng		98
54) 2,4-Dinitrophenol	14.219	184	615118	54.176	ng		93
55) Dibenzofuran	14.507	168	6117858	38.992	ng		99
56) 4-Nitrophenol	14.343	139	2164669	90.971	ng		96
57) 2,4-Dinitrotoluene	14.484	165	1558331	44.344	ng		88
58) Fluorene	15.172	166	4734515	39.012	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1465701	46.567	ng		96
60) Diethylphthalate	14.972	149	4878323	39.371	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	2393795	39.857	ng		98
62) 4-Nitroaniline	15.195	138	1088146	40.246	ng		100
63) Azobenzene	15.478	77	4127404	37.408	ng		94
65) 4,6-Dinitro-2-methylph...	15.266	198	429995	32.979	ng		85
66) n-Nitrosodiphenylamine	15.401	169	4111370	47.136	ng		99
67) 4-Bromophenyl-phenylether	16.101	248	1663783	53.316	ng		97
68) Hexachlorobenzene	16.207	284	1881224	49.321	ng		96
69) Atrazine	16.407	200	1530515	59.881	ng		93
70) Pentachlorophenol	16.572	266	2559186	99.349	ng		99
71) Phenanthrene	16.966	178	6836970	41.981	ng		96
72) Anthracene	17.066	178	7041601	45.069	ng		98
73) Carbazole	17.348	167	6457926	42.274	ng		97
74) Di-n-butylphthalate	17.966	149	7440665	43.739	ng		98
75) Fluoranthene	19.072	202	8401898	44.136	ng		97
77) Benzidine	19.283	184	2380556	39.657	ng	#	93
78) Pyrene	19.454	202	8893288	42.245	ng		98
80) Butylbenzylphthalate	20.436	149	3674497	45.510	ng		97
81) Benzo(a)anthracene	21.342	228	9427688	45.771	ng		98
82) 3,3'-Dichlorobenzidine	21.272	252	1837810	29.639	ng	#	99
83) Chrysene	21.407	228	9098431	45.901	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	5892349	53.333	ng		97
85) Di-n-octyl phthalate	22.548	149	10363365	50.755	ng		96
87) Indeno(1,2,3-cd)pyrene	28.071	276	13381638m	50.742	ng		
88) Benzo(b)fluoranthene	23.536	252	11384396	47.248	ng		99
89) Benzo(k)fluoranthene	23.601	252	10029616	41.835	ng		99
90) Benzo(a)pyrene	24.377	252	10226105	49.866	ng		99
91) Dibenzo(a,h)anthracene	28.159	278	10419062	47.796	ng		99
92) Benzo(g,h,i)perylene	29.183	276	10869264	48.267	ng		97

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

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