Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071825\
Data File : BP025191.D
Acq On : 18 Jul 2025 13:52
Operator : CG/JU
Sample : Q2597-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

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

Quant Time: Jul 18 14:42:32 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	7.437	152	725237	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2872256	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1756654	20.000	ng	0.01
64) Phenanthrene-d10	16.919	188	3030587	20.000	ng	# 0.01
76) Chrysene-d12	21.360	240	3384853	20.000	ng	0.02
86) Perylene-d12	24.512	264	4114552	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	3344729	81.716	ng	0.01
7) Phenol-d6	6.649	99	4267319	79.891	ng	0.02
23) Nitrobenzene-d5	8.578	82	2621093	60.689	ng	0.01
42) 2,4,6-Tribromophenol	15.636	330	2206748	106.339	ng	0.02
45) 2-Fluorobiphenyl	12.695	172	7069182	62.342	ng	0.00
79) Terphenyl-d14	19.695	244	9838214	63.880	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	530428	33.326	ng	99
3) Pyridine	3.490	79	1465490	33.631	ng	97
4) n-Nitrosodimethylamine	3.402	42	635981	34.470	ng	90
6) Aniline	6.784	93	1455394	29.163	ng	99
8) 2-Chlorophenol	7.019	128	2066190	45.117	ng	98
9) Benzaldehyde	6.602	77	1208904	43.337	ng	96
10) Phenol	6.672	94	2305756	42.484	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1730557	41.431	ng	97
12) 1,3-Dichlorobenzene	7.331	146	2214921	43.215	ng	99
13) 1,4-Dichlorobenzene	7.472	146	2254625	43.448	ng	99
14) 1,2-Dichlorobenzene	7.784	146	2161644	43.303	ng	99
15) Benzyl Alcohol	7.678	79	1547309	43.402	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	2155727	39.692	ng	97
17) 2-Methylphenol	7.890	107	1606309	45.946	ng	99
18) Hexachloroethane	8.496	117	765719	45.295	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	1237318	39.060	ng	97
20) 3+4-Methylphenols	8.213	107	2165124	44.214	ng	99
22) Acetophenone	8.249	105	2689995	39.601	ng	98
24) Nitrobenzene	8.619	77	1904110	43.284	ng	94
25) Isophorone	9.137	82	3573169	44.271	ng	99
26) 2-Nitrophenol	9.319	139	1104541	51.484	ng	97
27) 2,4-Dimethylphenol	9.396	122	1843826	61.241	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	2301331	41.993	ng	99
29) 2,4-Dichlorophenol	9.849	162	1956385	46.862	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	2098988	45.402	ng	99
31) Naphthalene	10.237	128	6137965	41.501	ng	99
32) Benzoic acid	9.554	122	1560877	51.391	ng	96
33) 4-Chloroaniline	10.354	127	1207820	21.883	ng	99
34) Hexachlorobutadiene	10.531	225	1280173	48.253	ng	100
35) Caprolactam	11.148	113	606849m	42.491	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1889312	43.306	ng	97
37) 2-Methylnaphthalene	11.872	142	3941856	37.774	ng	100
38) 1-Methylnaphthalene	12.095	142	4192599	41.195	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	2373335	47.010	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1636353	124.087	ng	99
43) 2,4,6-Trichlorophenol	12.501	196	1604557	52.488	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1751985	50.570	ng		99
46) 1,1'-Biphenyl	12.913	154	5528311	43.253	ng		99
47) 2-Chloronaphthalene	12.948	162	4311680	44.883	ng		99
48) 2-Nitroaniline	13.160	65	1095633	46.642	ng		91
49) Acenaphthylene	13.819	152	6919582	47.062	ng		100
50) Dimethylphthalate	13.572	163	5156677	41.936	ng		100
51) 2,6-Dinitrotoluene	13.672	165	1192431	49.721	ng		93
52) Acenaphthene	14.172	154	3960058	41.788	ng		98
53) 3-Nitroaniline	14.007	138	1024478	39.861	ng		99
54) 2,4-Dinitrophenol	14.219	184	621018	54.804	ng		94
55) Dibenzofuran	14.513	168	6234201	39.862	ng		99
56) 4-Nitrophenol	14.354	139	2135992	90.057	ng		95
57) 2,4-Dinitrotoluene	14.478	165	1562642	44.595	ng		93
58) Fluorene	15.178	166	4739613	39.181	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1476592	47.065	ng		95
60) Diethylphthalate	14.984	149	4928178	39.903	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	2419173	40.411	ng		98
62) 4-Nitroaniline	15.201	138	1104551	40.986	ng		99
63) Azobenzene	15.484	77	4154994	37.780	ng		94
65) 4,6-Dinitro-2-methylph...	15.272	198	448087	34.294	ng	#	83
66) n-Nitrosodiphenylamine	15.407	169	4164623	48.018	ng		99
67) 4-Bromophenyl-phenylether	16.107	248	1683065	54.240	ng		99
68) Hexachlorobenzene	16.219	284	1904013	50.202	ng		94
69) Atrazine	16.419	200	1538693	60.543	ng		92
70) Pentachlorophenol	16.578	266	2571871	100.408	ng		98
71) Phenanthrene	16.966	178	7037848	43.460	ng		97
72) Anthracene	17.083	178	7064103	45.470	ng		98
73) Carbazole	17.348	167	6507850	42.843	ng		98
74) Di-n-butylphthalate	17.972	149	7718219	45.628	ng		98
75) Fluoranthene	19.077	202	8459720	44.692	ng		97
77) Benzidine	19.283	184	2220748	37.148	ng	#	91
78) Pyrene	19.454	202	8790194	41.928	ng		98
80) Butylbenzylphthalate	20.442	149	3698659	45.960	ng		98
81) Benzo(a)anthracene	21.348	228	9398328	45.817	ng		98
82) 3,3'-Dichlorobenzidine	21.277	252	1712760	27.737	ng		99
83) Chrysene	21.407	228	9091703	46.057	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	6024913	54.758	ng	#	97
85) Di-n-octyl phthalate	22.542	149	10219431	50.316	ng		97
87) Indeno(1,2,3-cd)pyrene	28.053	276	13319448m	50.814	ng		
88) Benzo(b)fluoranthene	23.524	252	11017325	46.004	ng		99
89) Benzo(k)fluoranthene	23.595	252	10410755	43.690	ng		99
90) Benzo(a)pyrene	24.377	252	10105828	49.580	ng		99
91) Dibenzo(a,h)anthracene	28.136	278	10509553	48.505	ng		97
92) Benzo(g,h,i)perylene	29.159	276	10921803	48.796	ng		99

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

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