Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025347.D
Acq On : 11 Aug 2025 13:59
Operator : CG/JU
Sample : Q2779-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 11 14:21:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	215026	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	827224	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	489140	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	963190	20.000	ng		0.00
76) Chrysene-d12	21.672	240	1028742	20.000	ng		0.01
86) Perylene-d12	25.054	264	1199045	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1516463	113.429	ng		0.00
7) Phenol-d6	6.966	99	1691568	96.140	ng		0.00
23) Nitrobenzene-d5	8.937	82	1257842	84.241	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	709898	145.479	ng		0.01
45) 2-Fluorobiphenyl	13.031	172	2804854	79.202	ng		0.00
79) Terphenyl-d14	19.942	244	4267258	78.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	207864	39.399	ng	#	56
3) Pyridine	3.737	79	503972	34.382	ng		95
4) n-Nitrosodimethylamine	3.637	42	240982	35.412	ng		91
6) Aniline	7.131	93	494125	20.458	ng		97
8) 2-Chlorophenol	7.366	128	606825	41.467	ng		98
9) Benzaldehyde	6.943	77	239702m	19.181	ng		
10) Phenol	6.990	94	634652	33.712	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	565655	38.348	ng		97
12) 1,3-Dichlorobenzene	7.690	146	671423	40.833	ng		99
13) 1,4-Dichlorobenzene	7.837	146	679324	40.835	ng		99
14) 1,2-Dichlorobenzene	8.149	146	649837	40.324	ng		99
15) Benzyl Alcohol	8.031	79	499989	36.660	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	779898	33.470	ng		97
17) 2-Methylphenol	8.231	107	471456	37.426	ng		98
18) Hexachloroethane	8.872	117	249678	41.968	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	417733	36.135	ng		95
20) 3+4-Methylphenols	8.549	107	626961	36.144	ng		98
22) Acetophenone	8.607	105	868680	41.831	ng	#	96
24) Nitrobenzene	8.978	77	619446	43.825	ng		96
25) Isophorone	9.502	82	1182137	39.773	ng		99
26) 2-Nitrophenol	9.684	139	313121	50.639	ng		97
27) 2,4-Dimethylphenol	9.749	122	554584	40.472	ng		99
28) bis(2-Chloroethoxy)met...	9.978	93	742799	41.082	ng		99
29) 2,4-Dichlorophenol	10.219	162	531419	44.297	ng		97
30) 1,2,4-Trichlorobenzene	10.437	180	585403	44.230	ng		99
31) Naphthalene	10.625	128	1828824	42.587	ng		99
32) Benzoic acid	9.854	122	377146	48.174	ng		98
33) 4-Chloroaniline	10.719	127	185621	9.719	ng		99
34) Hexachlorobutadiene	10.913	225	337134	44.374	ng		99
35) Caprolactam	11.490	113	163034	35.031	ng		92
36) 4-Chloro-3-methylphenol	11.843	107	570678	41.111	ng		98
37) 2-Methylnaphthalene	12.231	142	1149468	41.355	ng		98
38) 1-Methylnaphthalene	12.454	142	1199034	41.343	ng		99
40) 1,2,4,5-Tetrachloroben...	12.601	216	612780	45.887	ng		99
41) Hexachlorocyclopentadiene	12.584	237	722825	87.699	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	421310	48.838	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	456875	47.211	ng		99
46) 1,1'-Biphenyl	13.243	154	1616143	44.834	ng		99
47) 2-Chloronaphthalene	13.284	162	1249184	45.423	ng		99
48) 2-Nitroaniline	13.478	65	359356	44.817	ng		97
49) Acenaphthylene	14.143	152	2074160	45.215	ng		100
50) Dimethylphthalate	13.872	163	1596246	44.766	ng		99
51) 2,6-Dinitrotoluene	13.978	165	337273	51.279	ng		89
52) Acenaphthene	14.484	154	1402509	50.123	ng		100
53) 3-Nitroaniline	14.307	138	152456	19.809	ng		95
54) 2,4-Dinitrophenol	14.525	184	360563	90.781	ng	#	47
55) Dibenzofuran	14.825	168	1866777	44.644	ng		100
56) 4-Nitrophenol	14.619	139	572659	84.309	ng		93
57) 2,4-Dinitrotoluene	14.778	165	486643	47.748	ng		94
58) Fluorene	15.484	166	1484036	45.188	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	399977	49.479	ng		98
60) Diethylphthalate	15.260	149	1613945	44.895	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	711242	45.682	ng		98
62) 4-Nitroaniline	15.484	138	353901	46.408	ng		92
63) Azobenzene	15.778	77	1427417	42.741	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	258567	56.726	ng		91
66) n-Nitrosodiphenylamine	15.695	169	1302721	44.420	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	440263	45.428	ng		96
68) Hexachlorobenzene	16.507	284	499860	45.967	ng		99
69) Atrazine	16.678	200	493738	47.872	ng		98
70) Pentachlorophenol	16.860	266	724213	104.533	ng		100
71) Phenanthrene	17.266	178	2411485	45.711	ng		100
72) Anthracene	17.360	178	2421360	45.520	ng		100
73) Carbazole	17.631	167	2358026	46.181	ng		99
74) Di-n-butylphthalate	18.236	149	2962245	47.954	ng		99
75) Fluoranthene	19.354	202	2850542	46.676	ng		99
77) Benzidine	19.536	184	707069	18.989	ng		99
78) Pyrene	19.730	202	2973995	43.474	ng		99
80) Butylbenzylphthalate	20.677	149	1428226	51.478	ng		99
81) Benzo(a)anthracene	21.648	228	3062996	44.805	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	718263	29.779	ng		99
83) Chrysene	21.719	228	2870570	45.272	ng		100
84) Bis(2-ethylhexyl)phtha...	21.607	149	2140669	48.321	ng		99
85) Di-n-octyl phthalate	22.907	149	3767561	50.808	ng		97
87) Indeno(1,2,3-cd)pyrene	28.930	276	4107306m	47.791	ng		
88) Benzo(b)fluoranthene	23.977	252	3205754	44.663	ng		99
89) Benzo(k)fluoranthene	24.048	252	3179723	44.688	ng		100
90) Benzo(a)pyrene	24.883	252	3153593	45.623	ng		100
91) Dibenzo(a,h)anthracene	29.006	278	3364601	47.802	ng		99
92) Benzo(g,h,i)perylene	30.124	276	3321083	48.076	ng		97

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

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