Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025357.D
Acq On : 11 Aug 2025 20:58
Operator : CG/JU
Sample : Q2795-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3MSD

Manual Integrations APPROVED

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

Quant Time: Aug 12 01:02:07 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	7.796	152	259630	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1001309	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	612787	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1190895	20.000	ng		0.00
76) Chrysene-d12	21.654	240	1224885	20.000	ng		0.00
86) Perylene-d12	25.024	264	1454697	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	1361282	84.329	ng		0.00
7) Phenol-d6	6.972	99	1685464	79.336	ng		0.00
23) Nitrobenzene-d5	8.937	82	1062504	58.787	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	678709	111.023	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	2345665	52.871	ng		0.00
79) Terphenyl-d14	19.930	244	3459806	53.351	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	227790	35.758	ng		96
3) Pyridine	3.725	79	614388	34.714	ng		97
4) n-Nitrosodimethylamine	3.637	42	271189	33.005	ng		92
6) Aniline	7.125	93	532576	18.261	ng		99
8) 2-Chlorophenol	7.366	128	704092	39.848	ng		97
9) Benzaldehyde	6.943	77	349244m	23.146	ng		
10) Phenol	6.996	94	806824	35.494	ng		100
11) bis(2-Chloroethyl)ether	7.219	93	632346	35.504	ng		97
12) 1,3-Dichlorobenzene	7.690	146	766025	38.583	ng		100
13) 1,4-Dichlorobenzene	7.831	146	775096	38.588	ng		99
14) 1,2-Dichlorobenzene	8.149	146	741288	38.096	ng		99
15) Benzyl Alcohol	8.025	79	558287	33.902	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	868067	30.853	ng		96
17) 2-Methylphenol	8.231	107	553492	36.390	ng		97
18) Hexachloroethane	8.866	117	282170	39.281	ng		98
19) n-Nitroso-di-n-propyla...	8.590	70	459036	32.886	ng		95
20) 3+4-Methylphenols	8.554	107	731086	34.906	ng		100
22) Acetophenone	8.607	105	962719	38.299	ng	#	96
24) Nitrobenzene	8.978	77	682735	39.905	ng		96
25) Isophorone	9.502	82	1295556	36.011	ng		99
26) 2-Nitrophenol	9.690	139	352942	47.406	ng		95
27) 2,4-Dimethylphenol	9.749	122	621910	37.494	ng		96
28) bis(2-Chloroethoxy)met...	9.978	93	808173	36.927	ng		99
29) 2,4-Dichlorophenol	10.219	162	615417	42.380	ng		96
30) 1,2,4-Trichlorobenzene	10.437	180	660395	41.221	ng		99
31) Naphthalene	10.625	128	2058943	39.610	ng		100
32) Benzoic acid	9.878	122	507995	51.941	ng		98
33) 4-Chloroaniline	10.719	127	348320	15.067	ng		99
34) Hexachlorobutadiene	10.913	225	398206	43.300	ng		98
35) Caprolactam	11.490	113	206617	36.677	ng		89
36) 4-Chloro-3-methylphenol	11.848	107	656193	39.052	ng		97
37) 2-Methylnaphthalene	12.225	142	1287212	38.259	ng		100
38) 1-Methylnaphthalene	12.454	142	1344731	38.305	ng		100
40) 1,2,4,5-Tetrachloroben...	12.595	216	697848	41.712	ng		100
41) Hexachlorocyclopentadiene	12.584	237	704680	68.246	ng		100
43) 2,4,6-Trichlorophenol	12.837	196	491630	45.490	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	538913	44.451	ng		99
46) 1,1'-Biphenyl	13.242	154	1790462	39.648	ng		99
47) 2-Chloronaphthalene	13.284	162	1385824	40.223	ng		99
48) 2-Nitroaniline	13.484	65	407038	40.804	ng		93
49) Acenaphthylene	14.142	152	2306080	40.127	ng		100
50) Dimethylphthalate	13.872	163	1713736	38.363	ng		100
51) 2,6-Dinitrotoluene	13.978	165	379933	46.109	ng		91
52) Acenaphthene	14.489	154	1530649	43.665	ng		99
53) 3-Nitroaniline	14.307	138	221097	22.931	ng		97
54) 2,4-Dinitrophenol	14.525	184	315814	72.890	ng	#	47
55) Dibenzofuran	14.831	168	2085461	39.811	ng		99
56) 4-Nitrophenol	14.625	139	760732	89.399	ng		98
57) 2,4-Dinitrotoluene	14.784	165	542721	42.863	ng		99
58) Fluorene	15.489	166	1675125	40.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	480828	47.479	ng		97
60) Diethylphthalate	15.260	149	1746551	38.780	ng		100
61) 4-Chlorophenyl-phenyle...	15.484	204	780748	40.028	ng		98
62) 4-Nitroaniline	15.495	138	388623	40.678	ng		97
63) Azobenzene	15.784	77	1727960	41.300	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	241400	46.378	ng		96
66) n-Nitrosodiphenylamine	15.695	169	1483380	40.909	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	508507	42.437	ng		97
68) Hexachlorobenzene	16.513	284	574250	42.711	ng		98
69) Atrazine	16.672	200	547438	42.930	ng		98
70) Pentachlorophenol	16.866	266	833769	97.336	ng		99
71) Phenanthrene	17.260	178	3149477	48.285	ng		99
72) Anthracene	17.354	178	2903174	44.143	ng		99
73) Carbazole	17.625	167	2659859	42.132	ng		100
74) Di-n-butylphthalate	18.230	149	3223920	42.211	ng		99
75) Fluoranthene	19.342	202	3746603	49.619	ng		98
77) Benzidine	19.525	184	1958978	44.187	ng		99
78) Pyrene	19.719	202	3801400	46.670	ng		99
80) Butylbenzylphthalate	20.660	149	1578264	47.777	ng		99
81) Benzo(a)anthracene	21.636	228	3635819	44.668	ng		100
82) 3,3'-Dichlorobenzidine	21.548	252	898362	31.281	ng		100
83) Chrysene	21.701	228	3393952	44.956	ng		100
84) Bis(2-ethylhexyl)phtha...	21.589	149	2337573	44.316	ng		100
85) Di-n-octyl phthalate	22.889	149	4178282	47.324	ng		97
87) Indeno(1,2,3-cd)pyrene	28.912	276	4577646	43.903	ng	#	94
88) Benzo(b)fluoranthene	23.977	252	3712923	42.638	ng		100
89) Benzo(k)fluoranthene	24.042	252	3651669	42.301	ng		100
90) Benzo(a)pyrene	24.877	252	3679150	43.872	ng		100
91) Dibenzo(a,h)anthracene	28.983	278	3589990	42.040	ng		98
92) Benzo(g,h,i)perylene	30.089	276	3686252	43.985	ng		99

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

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