Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025570.D
Acq On : 25 Aug 2025 18:29
Operator : CG/JU
Sample : Q2909-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/26/2025
Supervised By :Jagrut Upadhyay 08/26/2025

Quant Time: Aug 26 01:14:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	213835	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	651272	20.000	ng		-0.01
39) Acenaphthene-d10	14.401	164	3020445m	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1014420	20.000	ng		0.00
76) Chrysene-d12	21.636	240	993220	20.000	ng		-0.01
86) Perylene-d12	25.013	264	1178153	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1476695	114.684	ng		0.00
7) Phenol-d6	6.966	99	1764521	106.886	ng		0.00
23) Nitrobenzene-d5	8.919	82	1277130	99.197	ng		-0.02
42) 2,4,6-Tribromophenol	15.919	330	881126	21.673	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2806031	12.697	ng		0.00
79) Terphenyl-d14	19.919	244	4162273	76.672	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	158751	31.476	ng	#	84
3) Pyridine	3.737	79	527153	38.186	ng		98
4) n-Nitrosodimethylamine	3.631	42	224459	39.439	ng		97
6) Aniline	7.125	93	274055	12.321	ng		98
8) 2-Chlorophenol	7.355	128	605558	41.676	ng		99
9) Benzaldehyde	6.925	77	128132	11.078	ng		97
10) Phenol	6.996	94	698249	40.309	ng		98
11) bis(2-Chloroethyl)ether	7.208	93	530750	39.310	ng		99
12) 1,3-Dichlorobenzene	7.666	146	583773	36.436	ng		99
13) 1,4-Dichlorobenzene	7.813	146	600012	36.639	ng		99
14) 1,2-Dichlorobenzene	8.125	146	581933	36.710	ng		99
15) Benzyl Alcohol	8.013	79	555136	42.322	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.290	45	728417	40.274	ng		97
17) 2-Methylphenol	8.219	107	494172	41.075	ng		98
18) Hexachloroethane	8.849	117	225841	37.508	ng		97
19) n-Nitroso-di-n-propyla...	8.572	70	417320	38.164	ng		99
20) 3+4-Methylphenols	8.543	107	662847	39.747	ng		97
22) Acetophenone	8.584	105	877097	53.702	ng		99
24) Nitrobenzene	8.960	77	705750	61.336	ng		98
25) Isophorone	9.490	82	993853	43.619	ng		99
26) 2-Nitrophenol	9.666	139	243527	41.240	ng	#	90
27) 2,4-Dimethylphenol	9.737	122	361363	35.584	ng		96
28) bis(2-Chloroethoxy)met...	9.960	93	622609	45.205	ng		99
29) 2,4-Dichlorophenol	10.213	162	554073	54.925	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	489736	44.286	ng		97
31) Naphthalene	10.602	128	1331759	39.343	ng		100
32) Benzoic acid	9.737	122	361363	48.200	ng	#	18
33) 4-Chloroaniline	10.719	127	286906	19.188	ng		98
34) Hexachlorobutadiene	10.890	225	335613	48.731	ng		98
36) 4-Chloro-3-methylphenol	11.854	107	1309998	113.169	ng	#	83
37) 2-Methylnaphthalene	12.207	142	1144172	51.940	ng		100
38) 1-Methylnaphthalene	12.425	142	1189508	50.776	ng		100
40) 1,2,4,5-Tetrachloroben...	12.578	216	648220	7.431	ng		99
41) Hexachlorocyclopentadiene	12.554	237	636280	12.075	ng		100
43) 2,4,6-Trichlorophenol	12.825	196	467393	7.936	ng		98
44) 2,4,5-Trichlorophenol	12.919	196	516706	8.005	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.219	154	1712370	7.806	ng		99
47) 2-Chloronaphthalene	13.266	162	1263646	7.400	ng		98
48) 2-Nitroaniline	13.472	65	369301	7.422	ng		99
49) Acenaphthylene	14.113	152	2034611	7.200	ng		100
50) Dimethylphthalate	13.854	163	1685551	7.621	ng		100
51) 2,6-Dinitrotoluene	13.972	165	349832	7.504	ng	#	70
52) Acenaphthene	14.460	154	918533	5.538	ng		99
53) 3-Nitroaniline	14.313	138	248941	4.746	ng	#	68
54) 2,4-Dinitrophenol	14.519	184	456038	18.318	ng		99
55) Dibenzofuran	14.801	168	1867505	7.121	ng		99
56) 4-Nitrophenol	14.701	139	668680m	15.514	ng		
57) 2,4-Dinitrotoluene	14.766	165	483000	7.262	ng	#	88
58) Fluorene	15.466	166	1506123	7.279	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	454673	7.978	ng		99
60) Diethylphthalate	15.237	149	1708807	7.603	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	741622	7.206	ng		98
62) 4-Nitroaniline	15.484	138	312946	5.820	ng		99
63) Azobenzene	15.754	77	1477046	7.675	ng		100
65) 4,6-Dinitro-2-methylph...	15.548	198	301269	47.643	ng		95
66) n-Nitrosodiphenylamine	15.678	169	1237161	39.994	ng		99
67) 4-Bromophenyl-phenylether	16.372	248	465920	41.761	ng		99
68) Hexachlorobenzene	16.489	284	489709	37.865	ng		94
69) Atrazine	16.684	200	332261	28.681	ng		99
70) Pentachlorophenol	16.848	266	828822	101.522	ng		97
71) Phenanthrene	17.242	178	2428958	43.588	ng		100
72) Anthracene	17.336	178	2393539	42.061	ng		100
73) Carbazole	17.613	167	2422912	45.202	ng		99
74) Di-n-butylphthalate	18.201	149	3097711	46.972	ng		100
75) Fluoranthene	19.325	202	2867796	43.144	ng		99
78) Pyrene	19.701	202	2944685	45.614	ng		99
80) Butylbenzylphthalate	20.648	149	1329948	45.456	ng		96
81) Benzo(a)anthracene	21.619	228	2891520	44.143	ng		99
83) Chrysene	21.689	228	2731030	44.520	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1964651	45.617	ng		99
85) Di-n-octyl phthalate	22.842	149	3485020	47.044	ng		98
87) Indeno(1,2,3-cd)pyrene	28.848	276	3925445m	45.433	ng		
88) Benzo(b)fluoranthene	23.936	252	3092599	44.516	ng		99
89) Benzo(k)fluoranthene	24.007	252	2977763	42.833	ng		99
90) Benzo(a)pyrene	24.848	252	2769066	40.947	ng		100
91) Dibenzo(a,h)anthracene	28.924	278	3204197	45.381	ng		98
92) Benzo(g,h,i)perylene	30.030	276	3141963	45.269	ng		99

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

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