Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025571.D
Acq On : 25 Aug 2025 19:11
Operator : CG/JU
Sample : Q2909-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4065MSD

Manual Integrations APPROVED

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

Quant Time: Aug 26 01:15:27 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	202587	20.000	ng		-0.02
21) Naphthalene-d8	10.543	136	630097	20.000	ng		-0.02
39) Acenaphthene-d10	14.396	164	2688457m	20.000	ng		-0.01
64) Phenanthrene-d10	17.195	188	1013171	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1016398	20.000	ng		-0.02
86) Perylene-d12	24.995	264	1190080	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1335196	109.452	ng		0.00
7) Phenol-d6	6.972	99	1609575	102.914	ng		0.00
23) Nitrobenzene-d5	8.919	82	1170765	93.991	ng		-0.02
42) 2,4,6-Tribromophenol	15.907	330	837695	23.149	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	2641444	13.428	ng		0.00
79) Terphenyl-d14	19.925	244	4101725	73.833	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	145929	30.540	ng	#	84
3) Pyridine	3.731	79	469154	35.872	ng		97
4) n-Nitrosodimethylamine	3.631	42	200235	37.136	ng		98
6) Aniline	7.119	93	253697	12.039	ng		98
8) 2-Chlorophenol	7.355	128	548398	39.837	ng		98
9) Benzaldehyde	6.931	77	126194	11.517	ng		99
10) Phenol	6.996	94	640590	39.034	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	488536	38.193	ng		99
12) 1,3-Dichlorobenzene	7.672	146	533081	35.119	ng		99
13) 1,4-Dichlorobenzene	7.814	146	539664	34.784	ng		98
14) 1,2-Dichlorobenzene	8.125	146	527309	35.111	ng		99
15) Benzyl Alcohol	8.014	79	505570	40.683	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	651747	38.035	ng		99
17) 2-Methylphenol	8.225	107	448758	39.372	ng		100
18) Hexachloroethane	8.849	117	203803	35.727	ng		99
19) n-Nitroso-di-n-propyla...	8.572	70	383473	37.016	ng		97
20) 3+4-Methylphenols	8.549	107	610315	38.629	ng		99
22) Acetophenone	8.590	105	807559	51.106	ng	#	98
24) Nitrobenzene	8.960	77	641856	57.658	ng		99
25) Isophorone	9.490	82	923919	41.912	ng		98
26) 2-Nitrophenol	9.666	139	220934	38.672	ng	#	87
27) 2,4-Dimethylphenol	9.737	122	335851	34.184	ng		98
28) bis(2-Chloroethoxy)met...	9.960	93	619786	46.512	ng		100
29) 2,4-Dichlorophenol	10.213	162	508517	52.103	ng		99
30) 1,2,4-Trichlorobenzene	10.413	180	448376	41.908	ng		98
31) Naphthalene	10.596	128	1214422	37.082	ng		99
32) Benzoic acid	9.737	122	335851	46.302	ng	#	18
33) 4-Chloroaniline	10.719	127	289651	20.023	ng		99
34) Hexachlorobutadiene	10.884	225	307255	46.113	ng		98
36) 4-Chloro-3-methylphenol	11.854	107	1237594	110.507	ng		85
37) 2-Methylnaphthalene	12.207	142	1045000	49.032	ng		100
38) 1-Methylnaphthalene	12.425	142	1103092	48.669	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	595382	7.668	ng		99
41) Hexachlorocyclopentadiene	12.560	237	585636	12.487	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	438047	8.357	ng		98
44) 2,4,5-Trichlorophenol	12.913	196	489885	8.527	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.219	154	1568897	8.035	ng		99
47) 2-Chloronaphthalene	13.260	162	1190364	7.831	ng		100
48) 2-Nitroaniline	13.466	65	344804	7.785	ng		99
49) Acenaphthylene	14.113	152	1892216	7.523	ng		99
50) Dimethylphthalate	13.854	163	1555311	7.900	ng		99
51) 2,6-Dinitrotoluene	13.966	165	332735	8.019	ng	#	52
52) Acenaphthene	14.460	154	894830	6.061	ng		99
53) 3-Nitroaniline	14.301	138	242268	5.189	ng	#	75
54) 2,4-Dinitrophenol	14.513	184	417807	18.854	ng		97
55) Dibenzofuran	14.801	168	1756994	7.527	ng		99
56) 4-Nitrophenol	14.701	139	629833m	16.418	ng		
57) 2,4-Dinitrotoluene	14.772	165	451998	7.635	ng	#	92
58) Fluorene	15.460	166	1423859	7.731	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	428594	8.449	ng		99
60) Diethylphthalate	15.231	149	1595206	7.974	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	696209	7.601	ng		99
62) 4-Nitroaniline	15.478	138	299677	6.261	ng		99
63) Azobenzene	15.748	77	1397196	8.157	ng		98
65) 4,6-Dinitro-2-methylph...	15.543	198	285886	45.267	ng		94
66) n-Nitrosodiphenylamine	15.672	169	1175060	38.033	ng		98
67) 4-Bromophenyl-phenylether	16.366	248	442013	39.667	ng		98
68) Hexachlorobenzene	16.490	284	478709	37.060	ng	#	91
69) Atrazine	16.678	200	337202	29.143	ng		100
70) Pentachlorophenol	16.848	266	801783	98.331	ng		97
71) Phenanthrene	17.237	178	2329798	41.860	ng		99
72) Anthracene	17.331	178	2326849	40.939	ng		100
73) Carbazole	17.613	167	2325998	43.448	ng		100
74) Di-n-butylphthalate	18.201	149	2953712	44.844	ng		100
75) Fluoranthene	19.319	202	2759518	41.566	ng		99
78) Pyrene	19.695	202	2834295	42.903	ng		100
80) Butylbenzylphthalate	20.648	149	1319884	44.084	ng		99
81) Benzo(a)anthracene	21.613	228	2804714	41.842	ng		100
83) Chrysene	21.683	228	2666019	42.469	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1942675	44.078	ng		99
85) Di-n-octyl phthalate	22.836	149	3401561	44.870	ng		99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3785477	43.374	ng		99
88) Benzo(b)fluoranthene	23.936	252	2890615	41.191	ng		99
89) Benzo(k)fluoranthene	24.007	252	2949871	42.007	ng		99
90) Benzo(a)pyrene	24.836	252	2696970	39.481	ng		99
91) Dibenzo(a,h)anthracene	28.912	278	3113071	43.648	ng		98
92) Benzo(g,h,i)perylene	30.006	276	3057055	43.605	ng		99

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

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