Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025532.D
Acq On : 21 Aug 2025 09:25
Operator : CG/JU
Sample : Q2873-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 21 13:03:19 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

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 1-3 COMPMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	193255	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	862914	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	625092	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1332235	20.000	ng	0.00
76) Chrysene-d12	21.648	240	1037300	20.000	ng	0.00
86) Perylene-d12	25.007	264	1008580	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1062498	91.304	ng	0.00
7) Phenol-d6	6.966	99	1461865	97.983	ng	0.00
23) Nitrobenzene-d5	8.925	82	922533	54.080	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	785252	93.329	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	2217595	48.485	ng	0.00
79) Terphenyl-d14	19.930	244	3604576	63.577	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	164573	36.105	ng	97
3) Pyridine	3.719	79	457350	36.658	ng	95
4) n-Nitrosodimethylamine	3.631	42	243992	47.437	ng	97
6) Aniline	7.119	93	688916	34.272	ng	98
8) 2-Chlorophenol	7.360	128	676550	51.520	ng	98
9) Benzaldehyde	6.937	77	307971	29.463	ng	97
10) Phenol	6.996	94	827862	52.881	ng	96
11) bis(2-Chloroethyl)ether	7.213	93	569296	46.656	ng	98
12) 1,3-Dichlorobenzene	7.678	146	643432	44.436	ng	99
13) 1,4-Dichlorobenzene	7.819	146	652860	44.112	ng	99
14) 1,2-Dichlorobenzene	8.137	146	639934	44.667	ng	97
15) Benzyl Alcohol	8.019	79	617887	52.122	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.307	45	812250	49.691	ng	98
17) 2-Methylphenol	8.225	107	572667	52.669	ng	97
18) Hexachloroethane	8.860	117	247099	45.409	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	474141	47.978	ng	97
20) 3+4-Methylphenols	8.549	107	795140	52.758	ng	94
22) Acetophenone	8.596	105	967840	44.724	ng	97
24) Nitrobenzene	8.972	77	708164	46.451	ng	99
25) Isophorone	9.496	82	1394671	46.198	ng	98
26) 2-Nitrophenol	9.672	139	371775	47.517	ng	97
27) 2,4-Dimethylphenol	9.737	122	589133	43.785	ng	98
28) bis(2-Chloroethoxy)met...	9.966	93	842262	46.155	ng	99
29) 2,4-Dichlorophenol	10.207	162	683162	51.111	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	636697	43.454	ng	99
31) Naphthalene	10.607	128	2003290	44.666	ng	100
32) Benzoic acid	9.913	122	581624	58.551	ng	98
33) 4-Chloroaniline	10.707	127	413684	20.881	ng	99
34) Hexachlorobutadiene	10.890	225	394420	43.224	ng	97
35) Caprolactam	11.507	113	266383m	54.351	ng	
36) 4-Chloro-3-methylphenol	11.837	107	828279	54.004	ng	95
37) 2-Methylnaphthalene	12.213	142	1366496	46.818	ng	99
38) 1-Methylnaphthalene	12.425	142	1434778	46.224	ng	100
40) 1,2,4,5-Tetrachloroben...	12.584	216	769709	42.635	ng	99
41) Hexachlorocyclopentadiene	12.566	237	834559	76.530	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	590719	48.467	ng	99

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44) 2,4,5-Trichlorophenol	12.901	196	659037	49.338	ng	98
46) 1,1'-Biphenyl	13.225	154	2016067	44.409	ng	99
47) 2-Chloronaphthalene	13.266	162	1556694	44.047	ng	99
48) 2-Nitroaniline	13.466	65	548687	53.282	ng	98
49) Acenaphthylene	14.119	152	2653065	45.367	ng	100
50) Dimethylphthalate	13.854	163	2184153	47.715	ng	99
51) 2,6-Dinitrotoluene	13.972	165	488637	50.647	ng	98
52) Acenaphthene	14.460	154	1538560	44.821	ng	100
53) 3-Nitroaniline	14.301	138	349330	32.182	ng	97
54) 2,4-Dinitrophenol	14.507	184	578017	112.186	ng	94
55) Dibenzofuran	14.801	168	2506967	46.193	ng	98
56) 4-Nitrophenol	14.625	139	901325	101.047	ng	90
57) 2,4-Dinitrotoluene	14.760	165	718441	52.192	ng	95
58) Fluorene	15.460	166	1943631	45.387	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	598683	50.759	ng	99
60) Diethylphthalate	15.237	149	2294509	49.332	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	963129	45.222	ng	96
62) 4-Nitroaniline	15.478	138	531708	47.780	ng	93
63) Azobenzene	15.754	77	2133007	53.558	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	400266	48.199	ng	93
66) n-Nitrosodiphenylamine	15.678	169	1806263	44.461	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	671449	45.826	ng	97
68) Hexachlorobenzene	16.489	284	762986	44.922	ng	99
69) Atrazine	16.660	200	719587	47.297	ng	99
70) Pentachlorophenol	16.842	266	1001156	93.377	ng	98
71) Phenanthrene	17.242	178	3258945	44.531	ng	100
72) Anthracene	17.342	178	3347193	44.787	ng	100
73) Carbazole	17.613	167	3171702	45.056	ng	99
74) Di-n-butylphthalate	18.207	149	4175739	48.214	ng	99
75) Fluoranthene	19.330	202	3761730	43.092	ng	98
77) Benzidine	19.530	184	852806	24.090	ng	99
78) Pyrene	19.707	202	3793378	56.264	ng	100
80) Butylbenzylphthalate	20.660	149	1737167	56.852	ng	99
81) Benzo(a)anthracene	21.624	228	3212247	46.956	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	806439	31.275	ng	100
83) Chrysene	21.701	228	3023496	47.193	ng	98
84) Bis(2-ethylhexyl)phtha...	21.571	149	2321078	51.602	ng	99
85) Di-n-octyl phthalate	22.854	149	3498238	45.216	ng	99
87) Indeno(1,2,3-cd)pyrene	28.842	276	3539495m	47.854	ng	
88) Benzo(b)fluoranthene	23.948	252	2809285	47.236	ng	99
89) Benzo(k)fluoranthene	24.013	252	2845986	47.821	ng	99
90) Benzo(a)pyrene	24.848	252	2689694	46.460	ng	100
91) Dibenzo(a,h)anthracene	28.942	278	2905291	48.065	ng	98
92) Benzo(g,h,i)perylene	30.030	276	2886256	48.577	ng	99

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

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