Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	24098	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	109950	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	78593	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	199845	20.000	ng		0.00
76) Chrysene-d12	21.449	240	219683	20.000	ng		0.00
86) Perylene-d12	24.458	264	241429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	13573	10.105	ng		0.00
7) Phenol-d6	7.019	99	18310	9.922	ng		-0.01
23) Nitrobenzene-d5	9.005	82	18764	9.518	ng		-0.01
42) 2,4,6-Tribromophenol	15.962	330	11040	10.605	ng		-0.01
45) 2-Fluorobiphenyl	13.106	172	53596	10.409	ng		0.00
79) Terphenyl-d14	19.839	244	110867	10.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	3459	6.178	ng		88
3) Pyridine	3.752	79	8730	5.297	ng	#	58
6) Aniline	7.184	93	12228	4.792	ng		89
8) 2-Chlorophenol	7.419	128	7939	4.837	ng		96
10) Phenol	7.043	94	9580	4.709	ng		97
11) bis(2-Chloroethyl)ether	7.278	93	7421	4.854	ng		88
12) 1,3-Dichlorobenzene	7.742	146	8854m	5.071	ng		
13) 1,4-Dichlorobenzene	7.895	146	9030	5.124	ng		93
14) 1,2-Dichlorobenzene	8.206	146	8131	4.781	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.376	45	17609	5.045	ng		95
17) 2-Methylphenol	8.294	107	7155	4.719	ng	#	91
18) Hexachloroethane	8.935	117	3344	4.861	ng		86
19) n-Nitroso-di-n-propyla...	8.653	70	7001	4.957	ng	#	98
22) Acetophenone	8.670	105	14639	5.263	ng	#	99
24) Nitrobenzene	9.046	77	9728	4.723	ng		98
25) Isophorone	9.569	82	20579	5.023	ng	#	95
26) 2-Nitrophenol	9.757	139	3668	4.121	ng		97
27) 2,4-Dimethylphenol	9.816	122	7568	4.843	ng		96
28) bis(2-Chloroethoxy)met...	10.057	93	10885	4.927	ng	#	88
29) 2,4-Dichlorophenol	10.292	162	7945	4.819	ng		91
30) 1,2,4-Trichlorobenzene	10.509	180	9136	5.255	ng		95
31) Naphthalene	10.691	128	30344	5.322	ng	#	94
33) 4-Chloroaniline	10.797	127	10141	4.589	ng	#	91
34) Hexachlorobutadiene	10.985	225	6663	5.185	ng		95
36) 4-Chloro-3-methylphenol	11.925	107	10455	4.887	ng		95
37) 2-Methylnaphthalene	12.301	142	21107	4.980	ng		87
38) 1-Methylnaphthalene	12.525	142	21661m	5.175	ng		
40) 1,2,4,5-Tetrachloroben...	12.671	216	10879	4.797	ng		97
43) 2,4,6-Trichlorophenol	12.912	196	7156	4.721	ng		87
44) 2,4,5-Trichlorophenol	12.977	196	7600	4.622	ng		84
46) 1,1'-Biphenyl	13.312	154	28672	5.009	ng		94
47) 2-Chloronaphthalene	13.359	162	21411	4.975	ng		100
48) 2-Nitroaniline	13.553	65	5960	4.063	ng		89
49) Acenaphthylene	14.199	152	32547	5.116	ng		99
50) Dimethylphthalate	13.935	163	32855	5.523	ng		98
51) 2,6-Dinitrotoluene	14.052	165	4684	4.067	ng		98

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52) Acenaphthene	14.546	154	22964	5.115	ng		94
53) 3-Nitroaniline	14.375	138	5404	4.480	ng	#	98
55) Dibenzofuran	14.881	168	37579	5.322	ng		95
57) 2,4-Dinitrotoluene	14.834	165	7779	4.467	ng	#	94
58) Fluorene	15.527	166	30779	5.318	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	7695	4.866	ng	#	96
60) Diethylphthalate	15.298	149	35947	5.646	ng		97
61) 4-Chlorophenyl-phenyle...	15.521	204	15345	5.318	ng		93
62) 4-Nitroaniline	15.533	138	5254	4.268	ng	#	75
63) Azobenzene	15.815	77	29276	5.159	ng		96
66) n-Nitrosodiphenylamine	15.733	169	27609	5.022	ng		98
67) 4-Bromophenyl-phenylether	16.414	248	9745	4.591	ng		98
68) Hexachlorobenzene	16.526	284	12043	5.109	ng		92
69) Atrazine	16.678	200	12001	5.228	ng		97
71) Phenanthrene	17.260	178	55100	5.227	ng		97
72) Anthracene	17.348	178	56156	5.237	ng		99
73) Carbazole	17.619	167	49241	5.213	ng		98
74) Di-n-butylphthalate	18.188	149	59765	5.267	ng		98
75) Fluoranthene	19.270	202	66964	5.403	ng		99
78) Pyrene	19.634	202	70961	5.127	ng		97
80) Butylbenzylphthalate	20.533	149	24638	4.720	ng		98
81) Benzo(a)anthracene	21.432	228	72646	5.169	ng		96
83) Chrysene	21.490	228	70143	5.199	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	39184	5.000	ng		94
87) Indeno(1,2,3-cd)pyrene	27.836	276	79337	4.812	ng		92
88) Benzo(b)fluoranthene	23.506	252	65111	4.778	ng		99
89) Benzo(k)fluoranthene	23.570	252	70084	5.049	ng		98
90) Benzo(a)pyrene	24.311	252	61491	4.851	ng	#	95
91) Dibenzo(a,h)anthracene	27.895	278	63017	4.760	ng	#	96
92) Benzo(g,h,i)perylene	28.888	276	64396	4.999	ng	#	96

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

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