Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.867	152	31108	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	139041	20.000	ng		0.00
39) Acenaphthene-d10	14.489	164	93753	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	216134	20.000	ng		0.00
76) Chrysene-d12	21.457	240	243131	20.000	ng		0.00
86) Perylene-d12	24.471	264	255316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	38583	19.366	ng		0.00
7) Phenol-d6	7.027	99	50726	18.716	ng		0.00
23) Nitrobenzene-d5	9.013	82	41723	16.583	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	17898	17.174	ng		0.00
45) 2-Fluorobiphenyl	13.114	172	122799	19.881	ng		0.00
79) Terphenyl-d14	19.847	244	248866	20.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.378	88	9415	10.428	ng		97
3) Pyridine	3.760	79	22471	10.233	ng		93
4) n-Nitrosodimethylamine	3.678	42	15180	9.676	ng	#	99
6) Aniline	7.191	93	25976	9.767	ng		98
8) 2-Chlorophenol	7.432	128	20803	9.722	ng		95
9) Benzaldehyde	7.003	77	17458m	11.020	ng		
10) Phenol	7.050	94	26326	9.487	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	22457	10.323	ng		96
12) 1,3-Dichlorobenzene	7.755	146	23941	10.189	ng		90
13) 1,4-Dichlorobenzene	7.896	146	24047	9.985	ng		93
14) 1,2-Dichlorobenzene	8.214	146	22764	9.802	ng		91
15) Benzyl Alcohol	8.096	79	19422	9.274	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	47034	9.615	ng		97
17) 2-Methylphenol	8.296	107	17355	9.424	ng		94
18) Hexachloroethane	8.948	117	8075	9.583	ng		90
19) n-Nitroso-di-n-propyla...	8.660	70	17996	9.461	ng	#	95
20) 3+4-Methylphenols	8.625	107	23611	9.313	ng		93
22) Acetophenone	8.678	105	36468	9.566	ng	#	91
24) Nitrobenzene	9.054	77	22242	8.554	ng	#	96
25) Isophorone	9.577	82	46752	9.284	ng		97
26) 2-Nitrophenol	9.765	139	5521	9.891	ng	#	79
27) 2,4-Dimethylphenol	9.823	122	13030	8.631	ng		90
28) bis(2-Chloroethoxy)met...	10.064	93	28970	9.488	ng		98
29) 2,4-Dichlorophenol	10.293	162	16635	8.726	ng		96
30) 1,2,4-Trichlorobenzene	10.517	180	22045	9.579	ng		96
31) Naphthalene	10.699	128	72491	9.669	ng		98
32) Benzoic acid	9.912	122	5442m	11.884	ng		
33) 4-Chloroaniline	10.805	127	25282	9.226	ng	#	92
34) Hexachlorobutadiene	10.993	225	14828	9.830	ng		99
35) Caprolactam	11.539	113	6357	8.702	ng	#	91
36) 4-Chloro-3-methylphenol	11.921	107	22970	9.192	ng		97
37) 2-Methylnaphthalene	12.309	142	50557	9.552	ng		100
38) 1-Methylnaphthalene	12.526	142	50620	9.762	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.679	216	27386	10.232	ng		98
41) Hexachlorocyclopentadiene	12.667	237	6015	7.985	ng		90
43) 2,4,6-Trichlorophenol	12.914	196	13713	8.693	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	15468	8.825	ng		95
46) 1,1'-Biphenyl	13.319	154	70250	9.918	ng		94
47) 2-Chloronaphthalene	13.360	162	50394	9.755	ng		98
48) 2-Nitroaniline	13.560	65	10834	9.850	ng		90
49) Acenaphthylene	14.207	152	78614	9.621	ng		96
50) Dimethylphthalate	13.942	163	65659	9.487	ng	#	95
51) 2,6-Dinitrotoluene	14.054	165	9373	9.566	ng		90
52) Acenaphthene	14.547	154	53833m	9.797	ng		
53) 3-Nitroaniline	14.383	138	10697	7.997	ng		98
54) 2,4-Dinitrophenol	14.583	184	3090	12.640	ng	#	74
55) Dibenzofuran	14.882	168	88163	9.924	ng		97
56) 4-Nitrophenol	14.682	139	7683	6.849	ng	#	88
57) 2,4-Dinitrotoluene	14.835	165	11947	9.344	ng	#	95
58) Fluorene	15.528	166	67954	9.821	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	15282	8.943	ng		99
60) Diethylphthalate	15.311	149	70346	9.363	ng		96
61) 4-Chlorophenyl-phenyle...	15.534	204	34862	10.139	ng		95
62) 4-Nitroaniline	15.540	138	12324	8.534	ng		89
63) Azobenzene	15.822	77	77127	9.620	ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	5373	12.953	ng		97
66) n-Nitrosodiphenylamine	15.740	169	59511	9.727	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	21085	9.525	ng		97
68) Hexachlorobenzene	16.539	284	24406	9.848	ng	#	89
69) Atrazine	16.686	200	20585	11.436	ng		92
70) Pentachlorophenol	16.874	266	11318	7.355	ng	#	87
71) Phenanthrene	17.268	178	111754	9.694	ng		97
72) Anthracene	17.356	178	112451	9.810	ng		99
73) Carbazole	17.626	167	106750	9.974	ng		98
74) Di-n-butylphthalate	18.202	149	118366	9.396	ng		97
75) Fluoranthene	19.277	202	142097	10.224	ng		98
77) Benzidine	19.465	184	48648m	14.253	ng		
78) Pyrene	19.641	202	156414	9.980	ng		99
80) Butylbenzylphthalate	20.546	149	40179	9.952	ng	#	88
81) Benzo(a)anthracene	21.439	228	154113	9.895	ng		97
82) 3,3'-Dichlorobenzidine	21.363	252	48080	9.539	ng	#	93
83) Chrysene	21.504	228	149887	9.649	ng		98
84) Bis(2-ethylhexyl)phtha...	21.380	149	70780	8.403	ng		95
85) Di-n-octyl phthalate	22.526	149	108389	7.461	ng		97
87) Indeno(1,2,3-cd)pyrene	27.855	276	157212	9.203	ng	#	75
88) Benzo(b)fluoranthene	23.519	252	146238	9.475	ng		98
89) Benzo(k)fluoranthene	23.584	252	151826	9.805	ng		97
90) Benzo(a)pyrene	24.330	252	130528	9.496	ng		96
91) Dibenzo(a,h)anthracene	27.914	278	132272	9.340	ng	#	97
92) Benzo(g,h,i)perylene	28.907	276	139536	9.596	ng		97

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

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