Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048133.D
Acq On : 10 Feb 2021 16:16
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 17:04:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:05:27 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
2/11/2021 9:49:29 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	52551	20.00	ng		0.00
21) Naphthalene-d8	10.918	136	198164	20.00	ng		0.00
39) Acenaphthene-d10	14.732	164	151447	20.00	ng		0.00
64) Phenanthrene-d10	17.470	188	369424	20.00	ng		0.00
76) Chrysene-d12	21.747	240	372898	20.00	ng	#	0.00
86) Perylene-d12	25.008	264	380559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	434485	127.06	ng		0.00
7) Phenol-d6	7.258	99	659492	126.85	ng		0.00
23) Nitrobenzene-d5	9.273	82	678595	135.50	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	361381	143.27	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	1477277	126.12	ng		0.00
79) Terphenyl-d14	0.000	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	96518	63.32	ng	#	96
3) Pyridine	3.944	79	297746m	65.08	ng		
4) n-Nitrosodimethylamine	3.856	42	150570	71.22	ng	#	77
6) Aniline	7.428	93	399134	63.55	ng		93
8) 2-Chlorophenol	7.669	128	238667	66.68	ng		90
10) Phenol	7.287	94	328853	65.99	ng		75
11) bis(2-Chloroethyl)ether	7.522	93	252126	64.60	ng		97
12) 1,3-Dichlorobenzene	7.992	146	271190	62.77	ng	#	90
13) 1,4-Dichlorobenzene	8.139	146	274282	63.33	ng		95
14) 1,2-Dichlorobenzene	8.462	146	254505	61.57	ng		96
15) Benzyl Alcohol	8.339	79	303633	69.03	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.627	45	328351	59.94	ng		94
17) 2-Methylphenol	8.539	107	217016	64.43	ng	#	88
18) Hexachloroethane	9.197	117	105049	62.17	ng		99
19) n-Nitroso-di-n-propyla...	8.915	70	252910	66.65	ng	#	97
20) 3+4-Methylphenols	8.874	107	308458	66.19	ng		88
22) Acetophenone	8.927	105	408200	66.84	ng	#	90
24) Nitrobenzene	9.314	77	363450	72.46	ng	#	85
25) Isophorone	9.837	82	677252	75.36	ng	#	93
26) 2-Nitrophenol	10.025	139	157072	76.11	ng	#	69
27) 2,4-Dimethylphenol	10.078	122	215107	71.73	ng	#	82
28) bis(2-Chloroethoxy)met...	10.313	93	321711	59.49	ng		97
29) 2,4-Dichlorophenol	10.560	162	282952	73.34	ng		97
30) 1,2,4-Trichlorobenzene	10.777	180	317290	68.02	ng		97
31) Naphthalene	10.971	128	778703	67.96	ng		99
32) Benzoic acid	10.249	122	177595	66.13	ng	#	76
33) 4-Chloroaniline	11.071	127	346643	66.20	ng	#	90
34) Hexachlorobutadiene	11.253	225	236240	71.31	ng		96
35) Caprolactam	11.870	113	93879m	63.92	ng		
36) 4-Chloro-3-methylphenol	12.182	107	306296	70.75	ng		86
37) 2-Methylnaphthalene	12.569	142	607630	70.21	ng	#	95
38) 1-Methylnaphthalene	12.787	142	572245	69.31	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.934	216	387692	67.15	ng	#	97
41) Hexachlorocyclopentadiene	12.910	237	257036	78.59	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	290908	72.24	ng		96
44) 2,4,5-Trichlorophenol	13.233	196	308497	73.93	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.568	154	762855	65.16	ng		99
47) 2-Chloronaphthalene	13.609	162	649681	63.76	ng		97
48) 2-Nitroaniline	13.809	65	247013	66.79	ng	#	77
49) Acenaphthylene	14.455	152	998491	66.40	ng		99
50) Dimethylphthalate	14.185	163	869713	63.45	ng		99
51) 2,6-Dinitrotoluene	14.303	165	203796	71.52	ng	#	66
52) Acenaphthene	14.796	154	702892m	69.04	ng		
53) 3-Nitroaniline	14.632	138	201667	64.52	ng	#	81
54) 2,4-Dinitrophenol	14.831	184	149833	84.09	ng	#	66
55) Dibenzofuran	15.131	168	1040648	67.40	ng		95
56) 4-Nitrophenol	14.925	139	172281	70.64	ng	#	55
57) 2,4-Dinitrotoluene	15.084	165	298719	72.59	ng	#	74
58) Fluorene	15.777	166	830333	66.89	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.349	232	303039	72.62	ng	#	96
60) Diethylphthalate	15.542	149	893927	63.43	ng		96
61) 4-Chlorophenyl-phenyle...	15.766	204	507567	66.76	ng		99
62) 4-Nitroaniline	15.795	138	209226	61.45	ng	#	58
63) Azobenzene	16.059	77	891581	67.21	ng		91
65) 4,6-Dinitro-2-methylph...	15.848	198	216387	90.76	ng		83
66) n-Nitrosodiphenylamine	15.977	169	781421	70.39	ng		100
67) 4-Bromophenyl-phenylether	16.659	248	348038	70.50	ng		97
68) Hexachlorobenzene	16.776	284	357907	66.67	ng		94
69) Atrazine	16.923	200	318417	75.51	ng		99
70) Pentachlorophenol	17.117	266	261420	80.20	ng		94
71) Phenanthrene	17.517	178	1407180	66.02	ng		99
72) Anthracene	17.605	178	1397843	66.69	ng		99
73) Carbazole	17.875	167	1321528	67.56	ng		97
74) Di-n-butylphthalate	18.427	149	1439218	60.25	ng	#	98
75) Fluoranthene	19.520	202	1758090	62.91	ng		95
77) Benzidine	19.696	184	834791	77.60	ng		98
78) Pyrene	19.878	202	1739223	63.69	ng		98
80) Butylbenzylphthalate	20.754	149	663120	63.58	ng	#	87
81) Benzo(a)anthracene	21.723	228	1777009	65.57	ng		97
82) 3,3'-Dichlorobenzidine	21.635	252	674598	73.87	ng		98
83) Chrysene	21.794	228	1711214	66.45	ng		96
84) Bis(2-ethylhexyl)phtha...	21.624	149	914468	64.01	ng		98
85) Di-n-octyl phthalate	22.851	149	1570074	65.71	ng		96
87) Indeno(1,2,3-cd)pyrene	28.750	276	2109865	68.92	ng	#	90
88) Benzo(b)fluoranthene	23.974	252	1875725	69.35	ng	#	98
89) Benzo(k)fluoranthene	24.050	252	1764688	67.14	ng	#	96
90) Benzo(a)pyrene	24.867	252	1740948	68.54	ng	#	97
91) Dibenzo(a,h)anthracene	28.815	278	1777264	70.35	ng	#	96
92) Benzo(g,h,i)perylene	29.926	276	1754541	72.10	ng	#	95

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

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