Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035592.D
Acq On : 12 Jul 2018 13:18
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:27 PM

Quant Time: Jul 12 14:16:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41743	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	174442	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	125521	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	329658	20.00	ng		0.00
75) Chrysene-d12	21.69	240	344140	20.00	ng		0.00
86) Perylene-d12	24.92	264	331474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	306380	123.86	ng		0.00
7) Phenol-d6	7.22	99	453187	124.14	ng		0.00
23) Nitrobenzene-d5	9.22	82	499439	136.09	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	208990	130.06	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1089205	112.81	ng		0.00
78) Terphenyl-d14	20.02	244	1755839	106.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	72956	61.819	ng	#	71
3) Pyridine	3.95	79	211125	66.303	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	86161	62.984	ng	#	78
6) Aniline	7.39	93	293838	62.267	ng		97
8) 2-Chlorophenol	7.62	128	156173	60.235	ng		98
9) Benzaldehyde	7.20	77	124065	44.119	ng		97
10) Phenol	7.25	94	236518	62.603	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	181836	62.009	ng		91
12) 1,3-Dichlorobenzene	7.95	146	185889	60.089	ng	#	95
13) 1,4-Dichlorobenzene	8.09	146	188938	59.164	ng		98
14) 1,2-Dichlorobenzene	8.42	146	180079	60.034	ng		97
15) Benzyl Alcohol	8.29	79	218846	63.264	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	150325	51.505	ng		81
17) 2-Methylphenol	8.50	107	160314	64.360	ng	#	89
18) Hexachloroethane	9.14	117	72501	63.415	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	192330	62.010	ng	#	87
20) 3+4-Methylphenols	8.83	107	228449	63.985	ng		90
22) Acetophenone	8.88	105	326690	60.457	ng		93
24) Nitrobenzene	9.26	77	249634	66.429	ng		90
25) Isophorone	9.78	82	477839	61.672	ng		98
26) 2-Nitrophenol	9.97	139	96305	74.348	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	157874	57.985	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	259140	62.238	ng		98
29) 2,4-Dichlorophenol	10.51	162	182109	61.470	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	213304	60.045	ng		94
31) Naphthalene	10.91	128	534137	58.942	ng		98
32) Benzoic acid	10.20	122	111855m	61.335	ng		
33) 4-Chloroaniline	11.02	127	243261	61.822	ng	#	90
34) Hexachlorobutadiene	11.19	225	171081	61.925	ng		93
35) Caprolactam	11.81	113	70242	64.155	ng	#	83
36) 4-Chloro-3-methylphenol	12.14	107	238272	64.520	ng		96
37) 2-Methylnaphthalene	12.51	142	410484	59.746	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	285975	61.166	ng		98
40) Hexachlorocyclopentadiene	12.86	237	165315	56.385	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	174883	62.468	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	192582	62.675	ng		97
45) 1,1'-Biphenyl	13.52	154	580488	57.513	ng		96
46) 2-Chloronaphthalene	13.56	162	445708	58.407	ng		99
47) 2-Nitroaniline	13.76	65	166703	73.979	ng		93
48) Acenaphthylene	14.40	152	747814	58.443	ng		98
49) Dimethylphthalate	14.13	163	641790	58.633	ng		99
50) 2,6-Dinitrotoluene	14.26	165	138225	69.220	ng		94
51) Acenaphthene	14.74	154	463357	55.423	ng		98
52) 3-Nitroaniline	14.58	138	138767	70.819	ng	#	86
53) 2,4-Dinitrophenol	14.79	184	66380	82.138	ng	#	63
54) Dibenzofuran	15.08	168	725058	57.906	ng		93
55) 4-Nitrophenol	14.90	139	102652	62.073	ng	#	83
56) 2,4-Dinitrotoluene	15.04	165	199772	75.311	ng		90
57) Fluorene	15.72	166	613474	58.625	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	181786	60.899	ng	#	94
59) Diethylphthalate	15.49	149	648819	58.099	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	367399	61.571	ng		99
61) 4-Nitroaniline	15.75	138	146105	69.527	ng	#	78
62) Azobenzene	16.01	77	646978	59.120	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	119246	79.227	ng		88
65) n-Nitrosodiphenylamine	15.93	169	565369	57.108	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	238861	60.168	ng		97
67) Hexachlorobenzene	16.73	284	244482	60.506	ng		97
68) Atrazine	16.88	200	222584	52.722	ng		96
69) Pentachlorophenol	17.07	266	156807	57.712	ng		98
70) Phenanthrene	17.46	178	965961	57.683	ng		98
71) Anthracene	17.56	178	968625	57.745	ng		97
72) Carbazole	17.83	167	910848	58.524	ng		98
73) Di-n-butylphthalate	18.37	149	1063501	57.330	ng	#	97
74) Fluoranthene	19.47	202	1255157	57.600	ng		97
76) Benzidine	19.65	184	482318	37.672	ng		98
77) Pyrene	19.83	202	1273343	56.126	ng		97
79) Butylbenzylphthalate	20.71	149	479500	58.205	ng		97
80) Benzo(a)anthracene	21.67	228	1251268	56.898	ng		97
81) 3,3'-Dichlorobenzidine	21.59	252	448552	54.214	ng	#	98
82) Chrysene	21.74	228	1158580	57.540	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	652885	56.087	ng		99
84) Di-n-octyl phthalate	22.78	149	1090628	54.612	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.59	276	1350687	57.276	ng	#	84
87) Benzo(b)fluoranthene	23.89	252	1205476	59.055	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	1171833	58.685	ng	#	97
89) Benzo(a)pyrene	24.76	252	1136856	59.186	ng	#	97
90) Dibenzo(a,h)anthracene	28.65	278	1117286	58.924	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	1102185	59.396	ng	#	95

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

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