Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027265.D
Acq On : 7 Jun 2017 1:23
Operator : SJ/MA
Sample : I3466-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-RO-230-060217MS

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:55 AM

Quant Time: Jun 07 06:56:57 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53836	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	254720	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	166592	20.00	ng		-0.02
63) Phenanthrene-d10	17.90	188	395840	20.00	ng		-0.02
75) Chrysene-d12	22.29	240	455809	20.00	ng		-0.02
86) Perylene-d12	25.98	264	357033	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	514235	145.76	ng		0.00
7) Phenol-d6	7.70	99	691885	133.60	ng		0.00
23) Nitrobenzene-d5	9.73	82	429913	106.14	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	359588	163.92	ng		-0.02
44) 2-Fluorobiphenyl	13.78	172	1044199	87.69	ng		-0.02
78) Terphenyl-d14	20.47	244	1683168	94.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	49046	33.527	ng	#	85
3) Pyridine	4.58	79	106594	23.637	ng	#	76
4) n-Nitrosodimethylamine	4.45	42	70360	42.139	ng	#	48
6) Aniline	7.91	93	29798	4.569	ng	#	87
8) 2-Chlorophenol	8.13	128	187872	50.431	ng		88
9) Benzaldehyde	7.71	77	77377	21.610	ng		81
10) Phenol	7.72	94	243350	45.950	ng		76
11) bis(2-Chloroethyl)ether	7.97	93	196421	45.209	ng	#	83
12) 1,3-Dichlorobenzene	8.46	146	164039	39.040	ng	#	91
13) 1,4-Dichlorobenzene	8.60	146	169577	39.324	ng		98
14) 1,2-Dichlorobenzene	8.92	146	168511	40.065	ng		94
15) Benzyl Alcohol	8.79	79	132232	36.239	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.07	45	277273	44.602	ng		92
17) 2-Methylphenol	8.98	107	178669	47.726	ng	#	86
18) Hexachloroethane	9.66	117	58196	40.063	ng		89
19) n-Nitroso-di-n-propylamine	9.36	70	161470	44.569	ng	#	86
20) 3+4-Methylphenols	9.30	107	247179	47.665	ng		90
22) Acetophenone	9.38	105	297645	45.693	ng	#	83
24) Nitrobenzene	9.77	77	226939	49.181	ng	#	86
25) Isophorone	10.29	82	451806	47.439	ng	#	96
26) 2-Nitrophenol	10.49	139	97464	50.750	ng	#	75
27) 2,4-Dimethylphenol	10.52	122	217381	53.086	ng		90
28) bis(2-Chloroethoxy)methane	10.76	93	267752	43.418	ng		99
29) 2,4-Dichlorophenol	11.01	162	199203	53.287	ng		97
30) 1,2,4-Trichlorobenzene	11.24	180	176030	42.526	ng		98
31) Naphthalene	11.44	128	662720	47.605	ng		100
32) Benzoic acid	10.63	122	125248	44.851	ng	#	84
34) Hexachlorobutadiene	11.71	225	104064	40.906	ng		96
35) Caprolactam	12.31	113	56505m	44.072	ng		
36) 4-Chloro-3-methylphenol	12.60	107	247958	52.922	ng		94
37) 2-Methylnaphthalene	13.00	142	456160m	44.920	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	219801	42.352	ng		98
40) Hexachlorocyclopentadiene	13.33	237	277309	100.393	ng		96
42) 2,4,6-Trichlorophenol	13.59	196	162668	51.677	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.66	196	182722	51.874	ng		94
45) 1,1'-Biphenyl	13.99	154	608825	44.774	ng		96
46) 2-Chloronaphthalene	14.03	162	461536	45.272	ng		99
47) 2-Nitroaniline	14.23	65	141479	48.685	ng	#	81
48) Acenaphthylene	14.87	152	761888	44.158	ng		98
49) Dimethylphthalate	14.59	163	641451	48.539	ng		98
50) 2,6-Dinitrotoluene	14.71	165	137893	50.969	ng	#	74
51) Acenaphthene	15.21	154	560813	49.970	ng		100
52) 3-Nitroaniline	15.04	138	24793	13.471	ng		89
53) 2,4-Dinitrophenol	15.24	184	157388	106.106	ng		97
54) Dibenzofuran	15.54	168	756162	48.215	ng		92
55) 4-Nitrophenol	15.33	139	217038	86.413	ng	#	53
56) 2,4-Dinitrotoluene	15.49	165	191711	54.679	ng	#	85
57) Fluorene	16.19	166	624809	44.854	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.76	232	176201	56.037	ng		100
59) Diethylphthalate	15.94	149	645221	48.948	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	319434	45.524	ng		93
61) 4-Nitroaniline	16.20	138	79131	30.254	ng	#	63
62) Azobenzene	16.47	77	618161	50.598	ng		90
64) 4,6-Dinitro-2-methylphenol	16.25	198	106427	56.777	ng		94
65) n-Nitrosodiphenylamine	16.38	169	225224	18.149	ng		100
66) 4-Bromophenyl-phenylether	17.07	248	214409	45.765	ng		97
67) Hexachlorobenzene	17.19	284	227549	45.156	ng		91
68) Atrazine	17.32	200	16046	3.867	ng		98
69) Pentachlorophenol	17.54	266	290635	98.394	ng		99
70) Phenanthrene	17.94	178	1030596	46.275	ng		96
71) Anthracene	18.04	178	1029040	46.121	ng		99
72) Carbazole	18.29	167	422458	20.075	ng		95
73) Di-n-butylphthalate	18.82	149	1092649	53.546	ng	#	94
74) Fluoranthene	19.93	202	1163104	48.887	ng		94
77) Pyrene	20.29	202	1192802	43.311	ng		98
79) Butylbenzylphthalate	21.18	149	485376	49.878	ng		91
80) Benzo(a)anthracene	22.27	228	1186761	45.655	ng		96
82) Chrysene	22.34	228	1119299	44.850	ng		97
83) Bis(2-ethylhexyl)phthalate	22.13	149	710743	48.330	ng		100
84) Di-n-octyl phthalate	23.51	149	1182273	48.541	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.24	276	1347607	44.587	ng	#	94
87) Benzo(b)fluoranthene	24.80	252	1216563	54.942	ng	#	97
88) Benzo(k)fluoranthene	24.88	252	1169401	53.832	ng	#	93
89) Benzo(a)pyrene	25.81	252	1081011	51.860	ng	#	94
90) Dibenzo(a,h)anthracene	30.33	278	1193467	54.695	ng	#	95
91) Benzo(g,h,i)perylene	31.59	276	1070709	50.667	ng	#	88

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

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