Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025704.D
Acq On : 30 Jan 2017 14:33
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
1/31/2017 3:41:05 PM

Quant Time: Jan 30 16:25:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 16:05:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59301	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	257581	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	206724	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	472257	20.00	ng		0.00
75) Chrysene-d12	21.84	240	643122	20.00	ng		0.00
86) Perylene-d12	25.22	264	658616	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	168761	51.73	ng		0.00
7) Phenol-d6	7.33	99	251592	54.76	ng		0.00
23) Nitrobenzene-d5	9.35	82	319160	54.74	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	142793	42.90	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	635981	49.81	ng		0.00
78) Terphenyl-d14	20.13	244	1422322	58.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	34921	25.09	ng		98
3) Pyridine	3.96	79	107204	26.57	ng		100
4) n-Nitrosodimethylamine	3.87	42	60391	25.21	ng	#	96
6) Aniline	7.49	93	176816	28.40	ng		95
8) 2-Chlorophenol	7.73	128	97111	26.39	ng		97
9) Benzaldehyde	7.31	77	106829	31.78	ng		94
10) Phenol	7.36	94	141711	27.82	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	111035	28.29	ng		92
12) 1,3-Dichlorobenzene	8.06	146	119195	26.76	ng		96
13) 1,4-Dichlorobenzene	8.20	146	118972	25.78	ng		97
14) 1,2-Dichlorobenzene	8.53	146	116243	26.39	ng		97
15) Benzyl Alcohol	8.42	79	113330	25.84	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	227436	31.29	ng		96
17) 2-Methylphenol	8.62	107	95139	28.44	ng		96
18) Hexachloroethane	9.25	117	49689	28.03	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	112609	29.02	ng	#	91
20) 3+4-Methylphenols	8.95	107	135754	29.33	ng		95
22) Acetophenone	9.00	105	182375	25.48	ng	#	96
24) Nitrobenzene	9.40	77	169037	26.43	ng		97
25) Isophorone	9.91	82	303358	28.73	ng		99
26) 2-Nitrophenol	10.11	139	61454	25.13	ng		91
27) 2,4-Dimethylphenol	10.16	122	98754	24.56	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	164208	29.95	ng		97
29) 2,4-Dichlorophenol	10.65	162	117283	27.25	ng		90
30) 1,2,4-Trichlorobenzene	10.85	180	126483	24.33	ng		96
31) Naphthalene	11.05	128	344624	26.79	ng	#	92
32) Benzoic acid	10.28	122	47896	14.81	ng		90
33) 4-Chloroaniline	11.17	127	138751	25.65	ng		97
34) Hexachlorobutadiene	11.30	225	101781	23.98	ng		98
35) Caprolactam	11.94	113	44739	27.67	ng		91
36) 4-Chloro-3-methylphenol	12.28	107	137007	25.79	ng		96
37) 2-Methylnaphthalene	12.64	142	269966	28.32	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	173976	25.49	ng		98
40) Hexachlorocyclopentadiene	12.96	237	41108	20.67	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	102082	23.75	ng		96
43) 2,4,5-Trichlorophenol	13.34	196	107349	23.86	ng		97
45) 1,1'-Biphenyl	13.63	154	363615	26.15	ng		96
46) 2-Chloronaphthalene	13.69	162	280743	25.84	ng		99
47) 2-Nitroaniline	13.90	65	120409	26.26	ng		90
48) Acenaphthylene	14.53	152	465882	27.67	ng		99
49) Dimethylphthalate	14.24	163	383753	25.46	ng		98
50) 2,6-Dinitrotoluene	14.39	165	86319	26.22	ng		94
51) Acenaphthene	14.86	154	290880	26.41	ng		95
52) 3-Nitroaniline	14.73	138	78822	24.90	ng	#	89
53) 2,4-Dinitrophenol	14.96	184	32461	17.18	ng	#	88
54) Dibenzofuran	15.20	168	444909	25.56	ng		93
55) 4-Nitrophenol	15.07	139	50976	21.56	ng		86
56) 2,4-Dinitrotoluene	15.18	165	129560	27.03	ng	#	88
57) Fluorene	15.84	166	383823	26.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.42	232	106520	22.11	ng		96
59) Diethylphthalate	15.59	149	406345	25.71	ng		96
60) 4-Chlorophenyl-phenylether	15.82	204	210722	25.51	ng		96
61) 4-Nitroaniline	15.90	138	80531	25.29	ng		93
62) Azobenzene	16.12	77	436724	28.65	ng		95
64) 4,6-Dinitro-2-methylphenol	15.96	198	80954	24.75	ng		92
65) n-Nitrosodiphenylamine	16.04	169	347451	27.22	ng		97
66) 4-Bromophenyl-phenylether	16.72	248	144933	24.88	ng		95
67) Hexachlorobenzene	16.85	284	162927	24.37	ng		94
68) Atrazine	16.98	200	165651	29.62	ng		99
69) Pentachlorophenol	17.21	266	66409	19.16	ng		97
70) Phenanthrene	17.59	178	660382m	27.14	ng		
71) Anthracene	17.68	178	673090	27.22	ng		97
72) Carbazole	17.96	167	655501	29.64	ng		98
73) Di-n-butylphthalate	18.47	149	760164	27.93	ng		95
74) Fluoranthene	19.59	202	901503	28.05	ng		95
76) Benzidine	19.77	184	570850	35.58	ng		97
77) Pyrene	19.95	202	925767	27.54	ng		95
79) Butylbenzylphthalate	20.80	149	372521	27.60	ng		96
80) Benzo(a)anthracene	21.82	228	963029	26.85	ng		93
81) 3,3'-Dichlorobenzidine	21.72	252	383697	27.54	ng		98
82) Chrysene	21.88	228	925779	26.91	ng		96
83) Bis(2-ethylhexyl)phthalate	21.65	149	523438	27.87	ng		95
84) Di-n-octyl phthalate	22.90	149	872261	27.97	ng		97
85) Indeno(1,2,3-cd)pyrene	29.11	276	1105448	25.28	ng	#	98
87) Benzo(b)fluoranthene	24.13	252	969778m	26.99	ng		
88) Benzo(k)fluoranthene	24.20	252	907346	26.15	ng		95
89) Benzo(a)pyrene	25.05	252	907295	26.14	ng		95
90) Dibenzo(a,h)anthracene	29.16	278	933250	25.37	ng		99
91) Benzo(g,h,i)perylene	30.34	276	917752	25.11	ng		96

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

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