Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025703.D
Acq On : 30 Jan 2017 13:54
Operator : SJ/MA
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/31/2017 3:41:03 PM

Quant Time: Jan 30 16:30:10 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	51682	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	230296	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	180965	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	424255	20.00	ng		0.00
75) Chrysene-d12	21.83	240	656392	20.00	ng		0.00
86) Perylene-d12	25.22	264	631381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	62293	21.91	ng		0.00
7) Phenol-d6	7.33	99	90852	22.69	ng		0.00
23) Nitrobenzene-d5	9.35	82	106591	20.45	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	51539	17.69	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	234071	20.94	ng		0.00
78) Terphenyl-d14	20.13	244	581222	23.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	14065	11.59	ng		91
3) Pyridine	3.97	79	33599	9.55	ng		86
4) n-Nitrosodimethylamine	3.88	42	19267	9.23	ng		90
6) Aniline	7.50	93	63052	11.62	ng		96
8) 2-Chlorophenol	7.73	128	32494	10.13	ng		92
9) Benzaldehyde	7.31	77	36131	12.33	ng		93
10) Phenol	7.36	94	47497	10.70	ng		89
11) bis(2-Chloroethyl)ether	7.58	93	39065	11.42	ng		88
12) 1,3-Dichlorobenzene	8.05	146	40945	10.55	ng		93
13) 1,4-Dichlorobenzene	8.20	146	42495	10.56	ng		93
14) 1,2-Dichlorobenzene	8.52	146	41005	10.68	ng		94
15) Benzyl Alcohol	8.43	79	35740	9.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	81466	12.86	ng		90
17) 2-Methylphenol	8.62	107	32771	11.24	ng		90
18) Hexachloroethane	9.25	117	17478	11.31	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	39502	11.68	ng	#	91
20) 3+4-Methylphenols	8.97	107	47266	11.72	ng		87
22) Acetophenone	9.01	105	64881	10.14	ng	#	90
24) Nitrobenzene	9.40	77	58088	10.16	ng	#	95
25) Isophorone	9.91	82	101040	10.70	ng	#	93
26) 2-Nitrophenol	10.12	139	18918	8.65	ng	#	83
27) 2,4-Dimethylphenol	10.16	122	36158	10.06	ng		84
28) bis(2-Chloroethoxy)methane	10.39	93	54378	11.09	ng	#	86
29) 2,4-Dichlorophenol	10.68	162	35612	9.26	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	42782	9.20	ng	#	81
31) Naphthalene	11.05	128	119494	10.39	ng		99
32) Benzoic acid	10.31	122	11684	4.04	ng	#	76
33) 4-Chloroaniline	11.17	127	46049	9.52	ng	#	86
34) Hexachlorobutadiene	11.30	225	36200	9.54	ng		94
35) Caprolactam	11.94	113	15563	10.77	ng	#	72
36) 4-Chloro-3-methylphenol	12.29	107	42159	8.88	ng		89
37) 2-Methylnaphthalene	12.64	142	89319m	10.48	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	59404	9.94	ng		99
40) Hexachlorocyclopentadiene	12.96	237	7217	4.15	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	34218	9.10	ng		95
43) 2,4,5-Trichlorophenol	13.35	196	36258	9.21	ng	#	69
45) 1,1'-Biphenyl	13.63	154	126516	10.39	ng		88
46) 2-Chloronaphthalene	13.68	162	98618	10.37	ng		98
47) 2-Nitroaniline	13.91	65	39578	9.86	ng		96
48) Acenaphthylene	14.53	152	172684	11.72	ng		96
49) Dimethylphthalate	14.24	163	142920	10.83	ng		96
50) 2,6-Dinitrotoluene	14.39	165	31919	11.07	ng		94
51) Acenaphthene	14.86	154	101261	10.50	ng		87
52) 3-Nitroaniline	14.74	138	28171	10.17	ng		98
53) 2,4-Dinitrophenol	14.98	184	6687	4.04	ng	#	77
54) Dibenzofuran	15.19	168	153552	10.08	ng		94
55) 4-Nitrophenol	15.09	139	12116	5.85	ng	#	85
56) 2,4-Dinitrotoluene	15.19	165	45096	10.75	ng	#	86
57) Fluorene	15.85	166	138625	10.86	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.43	232	32271	7.65	ng	#	99
59) Diethylphthalate	15.59	149	147450	10.66	ng	#	96
60) 4-Chlorophenyl-phenylether	15.82	204	75454	10.43	ng		95
61) 4-Nitroaniline	15.90	138	24586	8.82	ng		87
62) Azobenzene	16.12	77	143554	10.76	ng		98
64) 4,6-Dinitro-2-methylphenol	15.97	198	26097	8.88	ng		83
65) n-Nitrosodiphenylamine	16.05	169	123453	10.77	ng		96
66) 4-Bromophenyl-phenylether	16.72	248	53603	10.24	ng		94
67) Hexachlorobenzene	16.84	284	58455	9.73	ng	#	89
68) Atrazine	16.98	200	60505	12.04	ng		94
69) Pentachlorophenol	17.21	266	21077	6.77	ng	#	83
70) Phenanthrene	17.59	178	239127	10.94	ng		97
71) Anthracene	17.68	178	247981	11.16	ng		93
72) Carbazole	17.96	167	241346	12.15	ng		95
73) Di-n-butylphthalate	18.47	149	288893	11.82	ng	#	95
74) Fluoranthene	19.59	202	341212	11.82	ng		92
76) Benzidine	19.77	184	225780	13.79	ng		96
77) Pyrene	19.95	202	359579	10.48	ng		94
79) Butylbenzylphthalate	20.80	149	151481	11.00	ng		99
80) Benzo(a)anthracene	21.82	228	403485	11.02	ng		93
81) 3,3'-Dichlorobenzidine	21.72	252	149034	10.48	ng		99
82) Chrysene	21.89	228	374867	10.68	ng		94
83) Bis(2-ethylhexyl)phthalate	21.66	149	208800	10.89	ng	#	96
84) Di-n-octyl phthalate	22.90	149	337353	10.60	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	425980	9.54	ng	#	82
87) Benzo(b)fluoranthene	24.14	252	371821	10.79	ng		95
88) Benzo(k)fluoranthene	24.20	252	380002m	11.42	ng		
89) Benzo(a)pyrene	25.06	252	352686	10.60	ng		97
90) Dibenzo(a,h)anthracene	29.15	278	358657	10.17	ng		98
91) Benzo(g,h,i)perylene	30.35	276	359078	10.25	ng	#	93

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

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