Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026355.D
Acq On : 21 Mar 2017 11:26
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/23/2017 3:31:39 PM

Quant Time: Mar 22 04:23:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135754	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	591977	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	345765	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	809211	20.00	ng		0.00
75) Chrysene-d12	21.63	240	881215	20.00	ng		0.00
86) Perylene-d12	24.81	264	890968	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	607548	79.43	ng		0.00
7) Phenol-d6	7.21	99	820487	79.90	ng		0.00
23) Nitrobenzene-d5	9.20	82	757177	76.91	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	336886	85.08	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1953230	79.22	ng		0.00
78) Terphenyl-d14	19.98	244	2907538	80.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	129418	37.70	ng	#	71
3) Pyridine	3.91	79	367222	39.06	ng	#	60
4) n-Nitrosodimethylamine	3.82	42	93832	36.51	ng	#	1
6) Aniline	7.37	93	541238	39.46	ng	#	88
8) 2-Chlorophenol	7.61	128	349428	40.57	ng	#	81
9) Benzaldehyde	7.18	77	263461	38.01	ng	#	68
10) Phenol	7.23	94	432630	39.48	ng	#	71
11) bis(2-Chloroethyl)ether	7.46	93	354353	39.44	ng	#	80
12) 1,3-Dichlorobenzene	7.94	146	411843	40.17	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	417953m	40.30	ng		
14) 1,2-Dichlorobenzene	8.40	146	399997	40.30	ng	#	88
15) Benzyl Alcohol	8.28	79	263223	39.10	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	354493	35.53	ng		80
17) 2-Methylphenol	8.48	107	314830	40.46	ng	#	80
18) Hexachloroethane	9.13	117	131536	38.78	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	251147	38.05	ng	#	70
20) 3+4-Methylphenols	8.81	107	435963	40.69	ng		86
22) Acetophenone	8.86	105	537459	39.48	ng	#	73
24) Nitrobenzene	9.25	77	374320	38.51	ng	#	72
25) Isophorone	9.77	82	716018	38.59	ng	#	87
26) 2-Nitrophenol	9.96	139	211642	41.84	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	335563	40.42	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	479052	39.74	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	356262	42.43	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	390883	41.44	ng		98
31) Naphthalene	10.90	128	1204034	40.23	ng		100
32) Benzoic acid	10.15	122	265310	41.53	ng	#	68
33) 4-Chloroaniline	11.00	127	499268	41.01	ng	#	81
34) Hexachlorobutadiene	11.18	225	229086	41.17	ng		98
35) Caprolactam	11.76	113	130219	39.36	ng	#	54
36) 4-Chloro-3-methylphenol	12.11	107	362462	40.36	ng	#	74
37) 2-Methylnaphthalene	12.49	142	885525	40.39	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	427782	41.12	ng		97
40) Hexachlorocyclopentadiene	12.84	237	218083	39.83	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	286109	42.00	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	313350	41.62	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1137003	39.71	ng		98
46) 2-Chloronaphthalene	13.53	162	842872	40.30	ng		96
47) 2-Nitroaniline	13.73	65	226262	38.04	ng	#	55
48) Acenaphthylene	14.38	152	1458391	40.00	ng		98
49) Dimethylphthalate	14.10	163	1049397	40.21	ng		98
50) 2,6-Dinitrotoluene	14.22	165	258211	42.39	ng	#	59
51) Acenaphthene	14.72	154	890536	39.67	ng		99
52) 3-Nitroaniline	14.55	138	276215	41.19	ng	#	69
53) 2,4-Dinitrophenol	14.76	184	128613	36.40	ng	#	76
54) Dibenzofuran	15.04	168	1264437	40.00	ng	#	89
55) 4-Nitrophenol	14.86	139	224865	40.94	ng	#	38
56) 2,4-Dinitrotoluene	15.01	165	352934	41.20	ng	#	68
57) Fluorene	15.70	166	1133600	40.30	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	268613	40.91	ng	#	97
59) Diethylphthalate	15.46	149	1049696	39.35	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	546638	41.01	ng		92
61) 4-Nitroaniline	15.71	138	285575	40.25	ng	#	49
62) Azobenzene	15.97	77	817731	37.70	ng		80
64) 4,6-Dinitro-2-methylphenol	15.77	198	214516	42.05	ng		86
65) n-Nitrosodiphenylamine	15.90	169	969073	40.80	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	352676	42.34	ng		97
67) Hexachlorobenzene	16.70	284	373332	42.02	ng		90
68) Atrazine	16.84	200	362831	40.36	ng		97
69) Pentachlorophenol	17.04	266	239088	41.39	ng		97
70) Phenanthrene	17.42	178	1714924	39.46	ng		98
71) Anthracene	17.52	178	1763435	39.77	ng		99
72) Carbazole	17.78	167	1805870	39.56	ng		96
73) Di-n-butylphthalate	18.34	149	1834350	39.11	ng	#	93
74) Fluoranthene	19.43	202	2002502	39.19	ng		96
76) Benzidine	19.60	184	1183907	38.97	ng		99
77) Pyrene	19.79	202	2067836	40.53	ng		99
79) Butylbenzylphthalate	20.66	149	829274	40.62	ng		85
80) Benzo(a)anthracene	21.61	228	1973477	39.80	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	833035	41.03	ng	#	99
82) Chrysene	21.68	228	1879189	39.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1220173	39.57	ng		99
84) Di-n-octyl phthalate	22.70	149	2088624	39.69	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.44	276	2426804	41.49	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	2051236	39.05	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2102628	41.28	ng	#	95
89) Benzo(a)pyrene	24.66	252	2001655	39.73	ng	#	95
90) Dibenzo(a,h)anthracene	28.50	278	2074258	40.74	ng	#	93
91) Benzo(g,h,i)perylene	29.59	276	2058586	40.13	ng	#	88

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

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