Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027251.D
Acq On : 6 Jun 2017 16:14
Operator : SJ/MA
Sample : I3437-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1MSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:43 AM

Quant Time: Jun 06 19:01:47 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	49542	20.00	ng		-0.02
21) Naphthalene-d8	11.39	136	244021	20.00	ng		-0.01
38) Acenaphthene-d10	15.15	164	161696	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	379627	20.00	ng		-0.02
75) Chrysene-d12	22.29	240	438442	20.00	ng		-0.02
86) Perylene-d12	25.99	264	411107	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	139180	42.87	ng		-0.01
7) Phenol-d6	7.70	99	486858	102.16	ng		0.00
23) Nitrobenzene-d5	9.73	82	332900	85.80	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	69954	32.85	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	774915	67.04	ng		-0.02
78) Terphenyl-d14	20.48	244	1183741	68.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	44841	33.310	ng	#	79
3) Pyridine	4.54	79	132940	32.035	ng	#	75
4) n-Nitrosodimethylamine	4.45	42	60718	39.516	ng	#	50
6) Aniline	7.89	93	133195	22.194	ng	#	93
8) 2-Chlorophenol	8.13	128	112771	32.895	ng		91
9) Benzaldehyde	7.71	77	85081	25.821	ng		82
10) Phenol	7.73	94	215933	44.307	ng	#	76
11) bis(2-Chloroethyl)ether	7.97	93	150210	37.570	ng		84
12) 1,3-Dichlorobenzene	8.46	146	142919m	36.962	ng		
13) 1,4-Dichlorobenzene	8.60	146	146011	36.794	ng		96
14) 1,2-Dichlorobenzene	8.93	146	142240	36.750	ng		91
15) Benzyl Alcohol	8.79	79	150366	44.781	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.07	45	224663	39.271	ng		92
17) 2-Methylphenol	8.98	107	146709	42.586	ng	#	85
18) Hexachloroethane	9.66	117	50444	37.736	ng		88
19) n-Nitroso-di-n-propylamine	9.35	70	128064	38.412	ng	#	86
20) 3+4-Methylphenols	9.30	107	202019	42.333	ng		88
22) Acetophenone	9.38	105	235337	37.711	ng	#	82
24) Nitrobenzene	9.77	77	179709	40.653	ng	#	85
25) Isophorone	10.29	82	352345	38.618	ng	#	96
26) 2-Nitrophenol	10.48	139	40161	25.928	ng	#	74
27) 2,4-Dimethylphenol	10.52	122	153750	39.193	ng		92
28) bis(2-Chloroethoxy)methane	10.76	93	221869	37.555	ng		98
29) 2,4-Dichlorophenol	11.02	162	109878	30.681	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	145992	36.816	ng		97
31) Naphthalene	11.44	128	486209	36.457	ng		98
33) 4-Chloroaniline	11.53	127	136147	24.499	ng	#	89
34) Hexachlorobutadiene	11.71	225	85838	35.221	ng		96
35) Caprolactam	12.29	113	57313	46.662	ng	#	76
36) 4-Chloro-3-methylphenol	12.61	107	193359	43.078	ng		94
37) 2-Methylnaphthalene	13.00	142	363257m	37.340	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	178499	35.435	ng		98
40) Hexachlorocyclopentadiene	13.34	237	201520	75.164	ng		99
42) 2,4,6-Trichlorophenol	13.59	196	34508	11.295	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027251.D
Acq On : 6 Jun 2017 16:14
Operator : SJ/MA
Sample : I3437-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-1MSD

Manual Integrations APPROVED
mohammad
6/8/2017 8:24:43 AM

Quant Time: Jun 06 19:01:47 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)
43) 2,4,5-Trichlorophenol	13.66	196	69232	20.250	ng		96
45) 1,1'-Biphenyl	13.98	154	481548	36.486	ng		97
46) 2-Chloronaphthalene	14.04	162	365460	36.933	ng		99
47) 2-Nitroaniline	14.23	65	124880	44.893	ng	#	81
48) Acenaphthylene	14.88	152	589666	35.211	ng		98
49) Dimethylphthalate	14.59	163	641883	50.042	ng		97
50) 2,6-Dinitrotoluene	14.71	165	104204	40.926	ng	#	76
51) Acenaphthene	15.21	154	366268	33.624	ng		96
52) 3-Nitroaniline	15.04	138	93933	35.987	ng		89
53) 2,4-Dinitrophenol	15.24	184	174	4.826	ng	#	1
54) Dibenzofuran	15.54	168	593309	38.976	ng		92
55) 4-Nitrophenol	15.32	139	13304	11.195	ng	#	55
56) 2,4-Dinitrotoluene	15.49	165	141559	43.268	ng	#	85
57) Fluorene	16.19	166	479823	35.488	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.76	232	23765m	7.787	ng		
59) Diethylphthalate	15.94	149	505209	39.487	ng		98
60) 4-Chlorophenyl-phenylether	16.18	204	244493	35.899	ng		96
61) 4-Nitroaniline	16.20	138	117340	43.109	ng	#	66
62) Azobenzene	16.47	77	501099	42.258	ng		89
64) 4,6-Dinitro-2-methylphenol	16.25	198	4012	7.733	ng	#	76
65) n-Nitrosodiphenylamine	16.39	169	438718	36.862	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	162078	36.072	ng		98
67) Hexachlorobenzene	17.20	284	172640	35.723	ng	#	90
68) Atrazine	17.33	200	163482	41.076	ng		97
69) Pentachlorophenol	17.53	266	23062	8.141	ng		95
70) Phenanthrene	17.94	178	780962	36.564	ng		95
71) Anthracene	18.03	178	793305	37.074	ng		98
72) Carbazole	18.30	167	715439	35.449	ng		94
73) Di-n-butylphthalate	18.83	149	842654	43.058	ng	#	94
74) Fluoranthene	19.93	202	889056	38.964	ng		94
76) Benzidine	20.10	184	421085	31.882	ng		96
77) Pyrene	20.29	202	913949	34.500	ng		97
79) Butylbenzylphthalate	21.18	149	383128	40.930	ng		92
80) Benzo(a)anthracene	22.26	228	902880	36.110	ng		96
81) 3,3'-Dichlorobenzidine	22.16	252	222620	22.887	ng	#	97
82) Chrysene	22.34	228	847904	35.321	ng		96
83) Bis(2-ethylhexyl)phthalate	22.13	149	555545	39.273	ng		99
84) Di-n-octyl phthalate	23.52	149	958596	40.916	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1073435	36.923	ng	#	74
87) Benzo(b)fluoranthene	24.80	252	928971	36.435	ng	#	97
88) Benzo(k)fluoranthene	24.88	252	889491	35.561	ng	#	94
89) Benzo(a)pyrene	25.81	252	886074	36.917	ng	#	94
90) Dibenzo(a,h)anthracene	30.33	278	912994	36.338	ng	#	95
91) Benzo(g,h,i)perylene	31.59	276	871364	35.810	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
Data File : BG027251.D
Acq On : 6 Jun 2017 16:14
Operator : SJ/MA
Sample : I3437-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 06 19:01:47 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

Instrument :
BNA_G
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED

mohammad
6/8/2017 8:24:43 AM