Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028922.D
Acq On : 26 Sep 2017 00:33
Operator : SJ/JU
Sample : I5380-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MSD

Manual Integrations APPROVED
Sohil
9/26/2017 8:42:45 AM

Quant Time: Sep 26 02:48:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26119	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	107394	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	81355	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	238929	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	287704	20.00	ng		-0.06
86) Perylene-d12	25.43	264	289723	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	228088	144.09	ng		-0.05
7) Phenol-d6	7.44	99	275042	115.40	ng		-0.05
23) Nitrobenzene-d5	9.45	82	245722	109.45	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	252674	187.78	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	626202	102.64	ng		-0.05
78) Terphenyl-d14	20.24	244	1344396	99.65	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	25223	39.348	ng	#	80
3) Pyridine	4.18	79	64328	35.180	ng		95
4) n-Nitrosodimethylamine	4.08	42	37434	45.004	ng	#	68
6) Aniline	7.61	93	68872	24.830	ng		96
8) 2-Chlorophenol	7.85	128	89775	50.876	ng		92
9) Benzaldehyde	7.42	77	24551	16.604	ng		96
10) Phenol	7.47	94	95092	37.807	ng		89
11) bis(2-Chloroethyl)ether	7.69	93	87571	48.494	ng		89
12) 1,3-Dichlorobenzene	8.17	146	96979	51.038	ng		92
13) 1,4-Dichlorobenzene	8.32	146	99979	51.170	ng		97
14) 1,2-Dichlorobenzene	8.64	146	92921	48.138	ng		98
15) Benzyl Alcohol	8.52	79	86273	46.372	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.80	45	158683	48.350	ng		97
17) 2-Methylphenol	8.72	107	79875	48.598	ng		93
18) Hexachloroethane	9.36	117	35604	49.718	ng		88
19) n-Nitroso-di-n-propylamine	9.08	70	78545	46.491	ng		90
20) 3+4-Methylphenols	9.05	107	106229	46.208	ng		94
22) Acetophenone	9.10	105	148782	47.381	ng		90
24) Nitrobenzene	9.50	77	120843	48.611	ng		94
25) Isophorone	10.01	82	221949	48.861	ng		98
26) 2-Nitrophenol	10.21	139	49104	46.412	ng	#	92
27) 2,4-Dimethylphenol	10.26	122	90416	46.752	ng		94
28) bis(2-Chloroethoxy)methane	10.49	93	121353	49.194	ng		97
29) 2,4-Dichlorophenol	10.76	162	102611	53.326	ng		98
30) 1,2,4-Trichlorobenzene	10.96	180	106195	48.378	ng		95
31) Naphthalene	11.15	128	360340	64.243	ng		99
32) Benzoic acid	10.39	122	12475	14.017	ng		92
33) 4-Chloroaniline	11.28	127	8992	3.827	ng	#	86
34) Hexachlorobutadiene	11.42	225	77710	48.063	ng		97
35) Caprolactam	12.05	113	24224m	35.106	ng		
36) 4-Chloro-3-methylphenol	12.37	107	122754	49.019	ng		96
37) 2-Methylnaphthalene	12.74	142	229262	54.746	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	143232	42.819	ng	#	97
40) Hexachlorocyclopentadiene	13.07	237	119855	91.070	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028922.D
Acq On : 26 Sep 2017 00:33
Operator : SJ/JU
Sample : I5380-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-092217MSD

Manual Integrations APPROVED
Sohil
9/26/2017 8:42:45 AM

Quant Time: Sep 26 02:48:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	100168	47.181	ng		93
43) 2,4,5-Trichlorophenol	13.43	196	114646	53.740	ng	#	87
45) 1,1'-Biphenyl	13.73	154	306539	45.508	ng		94
46) 2-Chloronaphthalene	13.78	162	239987	48.847	ng		97
47) 2-Nitroaniline	13.99	65	98802	54.111	ng	#	88
48) Acenaphthylene	14.62	152	391260	49.847	ng		96
49) Dimethylphthalate	14.35	163	360959	52.911	ng		97
50) 2,6-Dinitrotoluene	14.47	165	84106	55.406	ng	#	80
51) Acenaphthene	14.96	154	252464	52.948	ng		92
52) 3-Nitroaniline	14.81	138	34360	25.596	ng		90
53) 2,4-Dinitrophenol	15.03	184	39346	52.272	ng		99
54) Dibenzofuran	15.30	168	433437	57.003	ng		92
55) 4-Nitrophenol	15.12	139	84711	86.132	ng	#	78
56) 2,4-Dinitrotoluene	15.26	165	126257	59.153	ng	#	88
57) Fluorene	15.94	166	382763	56.385	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	113390	60.307	ng	#	92
59) Diethylphthalate	15.70	149	388383	55.399	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	205332	53.120	ng		87
61) 4-Nitroaniline	15.97	138	83214	58.513	ng	#	85
62) Azobenzene	16.22	77	344933	58.501	ng		91
64) 4,6-Dinitro-2-methylphenol	16.03	198	50500	32.756	ng		98
65) n-Nitrosodiphenylamine	16.14	169	326918	47.730	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	148592	48.333	ng		96
67) Hexachlorobenzene	16.95	284	160143	45.767	ng	#	90
68) Atrazine	17.09	200	149321	50.774	ng		99
69) Pentachlorophenol	17.30	266	132345	83.712	ng		97
70) Phenanthrene	17.69	178	698232	57.146	ng		95
71) Anthracene	17.78	178	658762	53.373	ng		97
72) Carbazole	18.06	167	610674	54.936	ng		94
73) Di-n-butylphthalate	18.58	149	683303	50.132	ng	#	94
74) Fluoranthene	19.69	202	832731	55.818	ng		93
76) Benzidine	19.87	184	390359	52.321	ng		94
77) Pyrene	20.06	202	841695	50.720	ng		95
79) Butylbenzylphthalate	20.92	149	322154	48.067	ng		90
80) Benzo(a)anthracene	21.95	228	877624	50.678	ng		94
81) 3,3'-Dichlorobenzidine	21.85	252	180055	25.644	ng	#	96
82) Chrysene	22.02	228	820749	49.949	ng		95
83) Bis(2-ethylhexyl)phthalate	21.81	149	457226	47.987	ng		99
84) Di-n-octyl phthalate	23.09	149	781273	46.931	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.40	276	1051127	49.787	ng		99
87) Benzo(b)fluoranthene	24.32	252	903797	52.068	ng		98
88) Benzo(k)fluoranthene	24.39	252	870209	50.190	ng		98
89) Benzo(a)pyrene	25.26	252	859290	52.154	ng		97
90) Dibenzo(a,h)anthracene	29.45	278	875338	50.959	ng		99
91) Benzo(g,h,i)perylene	30.65	276	858269	51.208	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028922.D
Acq On : 26 Sep 2017 00:33
Operator : SJ/JU
Sample : I5380-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 26 02:48:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SU-04-092217MSD

Manual Integrations APPROVED
Sohil
9/26/2017 8:42:45 AM