Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028897.D
Acq On : 23 Sep 2017 14:18
Operator : SJ/JU
Sample : PB102530BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102530BSD

Manual Integrations APPROVED
Sohil
9/25/2017 6:28:56 PM

Quant Time: Sep 25 02:17:14 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	8.27	152	23356	20.00	ng		-0.06
21) Naphthalene-d8	11.10	136	96866	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	81533	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	243453	20.00	ng		-0.05
75) Chrysene-d12	21.96	240	302449	20.00	ng		-0.07
86) Perylene-d12	25.41	264	300032	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	130855	92.45	ng		-0.06
7) Phenol-d6	7.43	99	189300	88.82	ng		-0.06
23) Nitrobenzene-d5	9.45	82	174846	86.35	ng		-0.06
41) 2,4,6-Tribromophenol	16.39	330	142530	105.69	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	488261	79.85	ng		-0.05
78) Terphenyl-d14	20.23	244	1108427	78.16	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	20987	36.613	ng	#	90
3) Pyridine	4.16	79	58226	35.610	ng		96
4) n-Nitrosodimethylamine	4.08	42	29535	39.708	ng	#	76
6) Aniline	7.60	93	79813	32.179	ng		96
8) 2-Chlorophenol	7.84	128	69443	44.009	ng		93
9) Benzaldehyde	7.42	77	21473	16.240	ng		89
10) Phenol	7.46	94	97537	43.366	ng		90
11) bis(2-Chloroethyl)ether	7.69	93	65276	40.424	ng	#	77
12) 1,3-Dichlorobenzene	8.17	146	67730	39.862	ng		92
13) 1,4-Dichlorobenzene	8.31	146	69051	39.522	ng		91
14) 1,2-Dichlorobenzene	8.63	146	68474	39.670	ng		98
15) Benzyl Alcohol	8.52	79	66534	39.992	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.80	45	110144	37.531	ng		95
17) 2-Methylphenol	8.71	107	65063	44.269	ng		93
18) Hexachloroethane	9.36	117	24780	38.697	ng	#	89
19) n-Nitroso-di-n-propylamine	9.07	70	55260	36.578	ng		89
20) 3+4-Methylphenols	9.04	107	91520	44.520	ng		89
22) Acetophenone	9.10	105	106203	37.497	ng	#	85
24) Nitrobenzene	9.49	77	87231	38.904	ng		92
25) Isophorone	10.01	82	158695	38.733	ng		99
26) 2-Nitrophenol	10.21	139	36906	38.674	ng		96
27) 2,4-Dimethylphenol	10.25	122	73108	41.911	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	88533	39.790	ng		99
29) 2,4-Dichlorophenol	10.75	162	79410	45.754	ng		96
30) 1,2,4-Trichlorobenzene	10.96	180	79917	40.363	ng		92
31) Naphthalene	11.15	128	207180	40.952	ng		98
32) Benzoic acid	10.39	122	40480	34.619	ng	#	86
33) 4-Chloroaniline	11.26	127	41494	19.579	ng	#	90
34) Hexachlorobutadiene	11.42	225	54768	37.556	ng		93
35) Caprolactam	12.03	113	33457m	53.757	ng		
36) 4-Chloro-3-methylphenol	12.36	107	106022	46.939	ng		99
37) 2-Methylnaphthalene	12.73	142	167794	44.423	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	107995	32.214	ng		97
40) Hexachlorocyclopentadiene	13.07	237	94187	73.052	ng		93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028897.D
Acq On : 23 Sep 2017 14:18
Operator : SJ/JU
Sample : PB102530BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102530BSD

Manual Integrations APPROVED
Sohil
9/25/2017 6:28:56 PM

Quant Time: Sep 25 02:17:14 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	80856	38.001	ng		96
43) 2,4,5-Trichlorophenol	13.42	196	93762	43.855	ng	#	90
45) 1,1'-Biphenyl	13.72	154	234882	34.794	ng		97
46) 2-Chloronaphthalene	13.78	162	186215	37.819	ng		98
47) 2-Nitroaniline	13.98	65	83176	45.453	ng		87
48) Acenaphthylene	14.62	152	317624	40.377	ng		96
49) Dimethylphthalate	14.34	163	298992	43.732	ng		97
50) 2,6-Dinitrotoluene	14.47	165	69626	45.767	ng	#	79
51) Acenaphthene	14.96	154	191373	40.048	ng		97
52) 3-Nitroaniline	14.81	138	43271	32.164	ng		99
53) 2,4-Dinitrophenol	15.02	184	67813	84.136	ng		95
54) Dibenzofuran	15.29	168	349313	45.839	ng		93
55) 4-Nitrophenol	15.12	139	107137	108.696	ng		86
56) 2,4-Dinitrotoluene	15.26	165	106007	49.557	ng	#	83
57) Fluorene	15.94	166	305561	44.914	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.52	232	102277	54.278	ng		92
59) Diethylphthalate	15.69	149	328869	46.807	ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	172133	44.434	ng		91
61) 4-Nitroaniline	15.98	138	73052	51.255	ng	#	79
62) Azobenzene	16.22	77	289842	49.050	ng		91
64) 4,6-Dinitro-2-methylphenol	16.03	198	64599	41.122	ng		94
65) n-Nitrosodiphenylamine	16.14	169	279334	40.025	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	129255	41.262	ng		98
67) Hexachlorobenzene	16.95	284	138934	38.968	ng	#	86
68) Atrazine	17.08	200	129152	43.100	ng		99
69) Pentachlorophenol	17.30	266	137697	85.479	ng		96
70) Phenanthrene	17.69	178	552012	44.339	ng		94
71) Anthracene	17.78	178	557328	44.316	ng		98
72) Carbazole	18.05	167	496776	43.859	ng		96
73) Di-n-butylphthalate	18.57	149	595193	42.856	ng	#	94
74) Fluoranthene	19.69	202	712812	46.892	ng		92
76) Benzidine	19.86	184	299880	38.234	ng		96
77) Pyrene	20.05	202	730576	41.878	ng		95
79) Butylbenzylphthalate	20.91	149	279034	39.604	ng		91
80) Benzo(a)anthracene	21.94	228	772388	42.426	ng		93
81) 3,3'-Dichlorobenzidine	21.84	252	196658	26.643	ng	#	93
82) Chrysene	22.02	228	711933	41.215	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	393947	39.330	ng		100
84) Di-n-octyl phthalate	23.08	149	682854	39.019	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.39	276	918602	41.389	ng	#	96
87) Benzo(b)fluoranthene	24.31	252	785382	43.692	ng	#	97
88) Benzo(k)fluoranthene	24.38	252	757307	42.177	ng		95
89) Benzo(a)pyrene	25.25	252	752842	44.123	ng		96
90) Dibenzo(a,h)anthracene	29.44	278	777630	43.715	ng	#	98
91) Benzo(g,h,i)perylene	30.63	276	763875	44.010	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028897.D
Acq On : 23 Sep 2017 14:18
Operator : SJ/JU
Sample : PB102530BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 02:17:14 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 :
PB102530BSD

Manual Integrations APPROVED
Sohil
9/25/2017 6:28:56 PM