Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009462.D
Acq On : 30 Mar 2017 21:57
Operator : SJ/MA
Sample : PB97933BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB97933BS

Manual Integrations APPROVED
mohammad
3/31/2017 2:12:04 PM

Quant Time: Mar 31 08:56:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100340	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	394052	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	241092	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	574006	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	780586	20.00	ng		0.00
86) Perylene-d12	23.74	264	750396	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	830889	138.03	ng		-0.01
7) Phenol-d6	7.01	99	1140707	138.96	ng		-0.01
23) Nitrobenzene-d5	9.02	82	848209	80.71	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	439459	146.73	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	1626132	81.27	ng		-0.01
78) Terphenyl-d14	19.86	244	2622170	70.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	104667	34.58	ng	#	100
3) Pyridine	3.75	79	321784	37.62	ng	#	82
4) n-Nitrosodimethylamine	3.67	42	198486	43.59	ng	#	62
6) Aniline	7.18	93	205317	18.40	ng	#	88
8) 2-Chlorophenol	7.41	128	278189	45.58	ng	#	80
9) Benzaldehyde	7.00	77	70959	10.98	ng		92
10) Phenol	7.03	94	402697	45.27	ng		94
11) bis(2-Chloroethyl)ether	7.27	93	295824	40.58	ng		85
12) 1,3-Dichlorobenzene	7.73	146	297082	40.65	ng	#	89
13) 1,4-Dichlorobenzene	7.88	146	308106	40.80	ng	#	92
14) 1,2-Dichlorobenzene	8.20	146	295837	40.35	ng		95
15) Benzyl Alcohol	8.09	79	326833	45.54	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.38	45	500056	39.46	ng		97
17) 2-Methylphenol	8.28	107	254149	43.67	ng	#	85
18) Hexachloroethane	8.92	117	126758	41.04	ng	#	87
19) n-Nitroso-di-n-propylamine	8.65	70	282782	42.73	ng		89
20) 3+4-Methylphenols	8.61	107	345738	43.69	ng		90
22) Acetophenone	8.67	105	462126	41.58	ng	#	91
24) Nitrobenzene	9.06	77	423597	41.14	ng		90
25) Isophorone	9.57	82	683339	42.62	ng	#	90
26) 2-Nitrophenol	9.76	139	132786	42.76	ng	#	32
27) 2,4-Dimethylphenol	9.82	122	260454	45.85	ng	#	82
28) bis(2-Chloroethoxy)methane	10.06	93	411131	41.42	ng		100
29) 2,4-Dichlorophenol	10.29	162	274434	46.21	ng		92
30) 1,2,4-Trichlorobenzene	10.51	180	306223	41.56	ng		99
31) Naphthalene	10.70	128	859451	41.09	ng		99
32) Benzoic acid	9.93	122	136012	35.20	ng	#	65
33) 4-Chloroaniline	10.82	127	91435	11.33	ng	#	79
34) Hexachlorobutadiene	10.97	225	199843	39.61	ng		96
35) Caprolactam	11.59	113	83069m	45.81	ng		
36) 4-Chloro-3-methylphenol	11.93	107	317366	47.23	ng	#	78
37) 2-Methylnaphthalene	12.30	142	626215	43.38	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	356572	39.17	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	454675	87.03	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009462.D
Acq On : 30 Mar 2017 21:57
Operator : SJ/MA
Sample : PB97933BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Manual Integrations APPROVED
mohammad
3/31/2017 2:12:04 PM

Quant Time: Mar 31 08:56:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	233757	44.91	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	243945	42.01	ng	#	88
45) 1,1'-Biphenyl	13.32	154	832041	41.47	ng		96
46) 2-Chloronaphthalene	13.37	162	664311	42.62	ng		97
47) 2-Nitroaniline	13.58	65	249022	43.37	ng	#	72
48) Acenaphthylene	14.22	152	1035055	40.77	ng		99
49) Dimethylphthalate	13.95	163	814347	43.99	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	173875	43.59	ng	#	62
51) Acenaphthene	14.56	154	642985	41.98	ng		97
52) 3-Nitroaniline	14.40	138	77125	19.62	ng	#	56
53) 2,4-Dinitrophenol	14.62	184	139155	53.66	ng		91
54) Dibenzofuran	14.89	168	1036971	45.78	ng		95
55) 4-Nitrophenol	14.70	139	299991	92.35	ng	#	16
56) 2,4-Dinitrotoluene	14.86	165	248068	45.97	ng		97
57) Fluorene	15.54	166	842058	41.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	235392	47.93	ng	#	100
59) Diethylphthalate	15.31	149	823945	43.88	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	446332	41.99	ng		99
61) 4-Nitroaniline	15.57	138	184169	43.14	ng	#	37
62) Azobenzene	15.83	77	1070808	48.85	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	125322	34.65	ng		86
65) n-Nitrosodiphenylamine	15.75	169	752366	43.15	ng		96
66) 4-Bromophenyl-phenylether	16.43	248	276469	41.57	ng	#	92
67) Hexachlorobenzene	16.54	284	298155	40.90	ng	#	88
68) Atrazine	16.70	200	270393	41.23	ng		96
69) Pentachlorophenol	16.89	266	364118	81.77	ng		98
70) Phenanthrene	17.29	178	1366202	41.62	ng		99
71) Anthracene	17.37	178	1395593	42.00	ng		99
72) Carbazole	17.65	167	1276228	40.10	ng		98
73) Di-n-butylphthalate	18.20	149	1450928	44.63	ng	#	97
74) Fluoranthene	19.30	202	1676944	43.13	ng		98
76) Benzidine	19.49	184	497476	21.38	ng		99
77) Pyrene	19.66	202	1764470	39.86	ng		99
79) Butylbenzylphthalate	20.55	149	696251	43.67	ng	#	76
80) Benzo(a)anthracene	21.40	228	1920338	42.12	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	365217	21.39	ng		97
82) Chrysene	21.46	228	1746006	40.11	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1028009	43.21	ng		97
84) Di-n-octyl phthalate	22.22	149	1876704	47.40	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2239111	47.16	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2019326	42.45	ng	#	94
88) Benzo(k)fluoranthene	23.09	252	1881895	41.14	ng	#	98
89) Benzo(a)pyrene	23.64	252	1885051	42.80	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	1876465	43.49	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	1844699	43.85	ng	#	91

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009462.D
Acq On : 30 Mar 2017 21:57
Operator : SJ/MA
Sample : PB97933BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 31 08:56:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Manual Integrations APPROVED
mohammad
3/31/2017 2:12:04 PM