Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010816.D
Acq On : 13 Jul 2017 17:20
Operator : SJ/JU
Sample : PB100554BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 13 18:56:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	214790	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	870868	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	559239	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1343793	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1365589	20.00	ng		0.00
86) Perylene-d12	23.20	264	1270236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1613046	124.40	ng		0.00
7) Phenol-d6	6.65	99	2048560	114.60	ng		0.00
23) Nitrobenzene-d5	8.59	82	1680643	74.18	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1044467	122.21	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3611834	80.35	ng		0.00
78) Terphenyl-d14	19.51	244	5182009	73.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	171209	29.924	ng	#	100
3) Pyridine	3.46	79	493212	31.537	ng		88
4) n-Nitrosodimethylamine	3.39	42	328812	41.138	ng	#	65
6) Aniline	6.79	93	724056	32.335	ng		94
8) 2-Chlorophenol	7.02	128	478789	37.295	ng		87
9) Benzaldehyde	6.60	77	307213	24.751	ng		83
10) Phenol	6.67	94	703393	37.217	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	523042	35.933	ng		92
12) 1,3-Dichlorobenzene	7.34	146	573901	36.173	ng	#	79
13) 1,4-Dichlorobenzene	7.48	146	591396	36.121	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	560035	35.896	ng	#	91
15) Benzyl Alcohol	7.69	79	651545	38.493	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.99	45	491863	38.975	ng		79
17) 2-Methylphenol	7.89	107	477562	39.070	ng	#	82
18) Hexachloroethane	8.50	117	261942	38.143	ng	#	86
19) n-Nitroso-di-n-propylamine	8.26	70	503960	35.591	ng	#	98
20) 3+4-Methylphenols	8.22	107	645917	38.035	ng	#	83
22) Acetophenone	8.26	105	901799	34.392	ng	#	93
24) Nitrobenzene	8.64	77	819306	35.285	ng	#	89
25) Isophorone	9.16	82	1288280	34.709	ng	#	88
26) 2-Nitrophenol	9.33	139	280300	36.278	ng	#	25
27) 2,4-Dimethylphenol	9.41	122	484871	35.161	ng	#	69
28) bis(2-Chloroethoxy)methane	9.65	93	742306	35.676	ng		97
29) 2,4-Dichlorophenol	9.86	162	577236	37.055	ng		95
30) 1,2,4-Trichlorobenzene	10.07	180	697355	36.618	ng		96
31) Naphthalene	10.26	128	1641174	37.063	ng		99
32) Benzoic acid	9.54	122	339336	31.362	ng	#	77
33) 4-Chloroaniline	10.37	127	324477	18.188	ng	#	75
34) Hexachlorobutadiene	10.55	225	562041	38.035	ng		99
35) Caprolactam	11.16	113	141840m	34.201	ng		
36) 4-Chloro-3-methylphenol	11.51	107	657213	34.878	ng	#	76
37) 2-Methylnaphthalene	11.88	142	1232582	38.754	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	903690	37.072	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	1423412	101.861	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010816.D
Acq On : 13 Jul 2017 17:20
Operator : SJ/JU
Sample : PB100554BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 13 18:56:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:18 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	542160	36.120	ng		96
43) 2,4,5-Trichlorophenol	12.58	196	577447	38.966	ng	#	88
45) 1,1'-Biphenyl	12.92	154	1710180	35.101	ng		97
46) 2-Chloronaphthalene	12.96	162	1338818	37.476	ng	#	91
47) 2-Nitroaniline	13.17	65	465383	39.629	ng	#	71
48) Acenaphthylene	13.82	152	2029402	38.195	ng		99
49) Dimethylphthalate	13.57	163	1729946	36.361	ng		99
50) 2,6-Dinitrotoluene	13.69	165	358740	38.442	ng	#	63
51) Acenaphthene	14.16	154	1219799	37.571	ng		99
52) 3-Nitroaniline	14.02	138	195864	23.088	ng	#	65
53) 2,4-Dinitrophenol	14.22	184	480366	74.464	ng	#	89
54) Dibenzofuran	14.50	168	2147774	40.896	ng	#	90
55) 4-Nitrophenol	14.33	139	521371	70.762	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	496305	38.327	ng		98
57) Fluorene	15.16	166	1693712	37.516	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	581736	42.248	ng	#	100
59) Diethylphthalate	14.95	149	1771688	37.706	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1056011	38.079	ng		97
61) 4-Nitroaniline	15.19	138	321849	36.297	ng	#	1
62) Azobenzene	15.45	77	2033093	42.612	ng		86
64) 4,6-Dinitro-2-methylphenol	15.24	198	328190	37.037	ng		89
65) n-Nitrosodiphenylamine	15.38	169	1470588	38.245	ng		100
66) 4-Bromophenyl-phenylether	16.06	248	689235	40.471	ng	#	86
67) Hexachlorobenzene	16.16	284	714132	36.672	ng	#	85
68) Atrazine	16.34	200	604294	37.949	ng		96
69) Pentachlorophenol	16.51	266	896781	71.836	ng		97
70) Phenanthrene	16.90	178	2750984	39.352	ng		100
71) Anthracene	16.99	178	2791172	40.222	ng		99
72) Carbazole	17.26	167	2269902	37.141	ng		99
73) Di-n-butylphthalate	17.84	149	2743078	37.937	ng	#	97
74) Fluoranthene	18.92	202	3266348	37.727	ng		98
76) Benzidine	19.12	184	1423825	38.963	ng		99
77) Pyrene	19.29	202	3332525	42.096	ng		100
79) Butylbenzylphthalate	20.22	149	1128037	40.700	ng	#	73
80) Benzo(a)anthracene	21.05	228	3186630	40.272	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	936271	30.093	ng	#	95
82) Chrysene	21.10	228	2967700	39.381	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1557989	38.601	ng		96
84) Di-n-octyl phthalate	21.87	149	2565340	38.793	ng		100
85) Indeno(1,2,3-cd)pyrene	25.31	276	3687571	42.674	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3266226	40.481	ng	#	90
88) Benzo(k)fluoranthene	22.61	252	2940205	38.151	ng	#	95
89) Benzo(a)pyrene	23.11	252	3040498	41.400	ng	#	96
90) Dibenzo(a,h)anthracene	25.32	278	3032852	42.548	ng	#	91
91) Benzo(g,h,i)perylene	25.95	276	3067876	43.782	ng	#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010816.D
Acq On : 13 Jul 2017 17:20
Operator : SJ/JU
Sample : PB100554BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 13 18:56:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Manual Integrations APPROVED
mohammad
7/17/2017 8:13:18 AM