Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011294.D
Acq On : 18 Aug 2017 19:03
Operator : SJ/JU
Sample : PB101645BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Manual Integrations APPROVED
Sohil
8/21/2017 5:18:57 PM

Quant Time: Aug 18 23:29:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	121872	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	444627	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	303510	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	788826	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1045736	20.00	ng		-0.02
86) Perylene-d12	23.00	264	1013956	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	960025	133.16	ng		-0.02
7) Phenol-d6	6.48	99	1330676	129.91	ng		-0.01
23) Nitrobenzene-d5	8.42	82	1231552	103.96	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	629231	129.35	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2143000	88.55	ng		-0.02
78) Terphenyl-d14	19.37	244	3647493	69.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	129611	40.040	ng	#	100
3) Pyridine	3.28	79	388792	43.972	ng	#	85
4) n-Nitrosodimethylamine	3.20	42	243899	54.130	ng	#	67
6) Aniline	6.62	93	432512	33.502	ng	#	80
8) 2-Chlorophenol	6.85	128	268250	36.649	ng	#	63
9) Benzaldehyde	6.43	77	377528	56.962	ng	#	70
10) Phenol	6.50	94	449035	40.359	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	344400	39.728	ng		81
12) 1,3-Dichlorobenzene	7.16	146	333120	37.343	ng	#	72
13) 1,4-Dichlorobenzene	7.30	146	339074	37.083	ng	#	86
14) 1,2-Dichlorobenzene	7.62	146	325669	37.252	ng	#	84
15) Benzyl Alcohol	7.52	79	456749	46.481	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.81	45	354968	45.504	ng		75
17) 2-Methylphenol	7.73	107	282966	39.794	ng	#	69
18) Hexachloroethane	8.32	117	161584	40.522	ng	#	78
19) n-Nitroso-di-n-propylamine	8.08	70	386550	44.408	ng	#	86
20) 3+4-Methylphenols	8.05	107	387620	39.215	ng	#	73
22) Acetophenone	8.09	105	553600	41.536	ng	#	86
24) Nitrobenzene	8.46	77	598104	48.721	ng	#	79
25) Isophorone	8.98	82	898977	45.512	ng	#	83
26) 2-Nitrophenol	9.16	139	155642	39.846	ng	#	1
27) 2,4-Dimethylphenol	9.24	122	268564	39.057	ng	#	62
28) bis(2-Chloroethoxy)methane	9.47	93	461865	41.924	ng	#	94
29) 2,4-Dichlorophenol	9.69	162	305163	39.494	ng		89
30) 1,2,4-Trichlorobenzene	9.90	180	396820	41.535	ng		95
31) Naphthalene	10.07	128	882120	39.437	ng		99
32) Benzoic acid	9.38	122	157443	28.486	ng	#	37
33) 4-Chloroaniline	10.22	127	151641	16.994	ng	#	70
34) Hexachlorobutadiene	10.37	225	342090	45.462	ng		99
35) Caprolactam	11.00	113	85322m	38.938	ng		
36) 4-Chloro-3-methylphenol	11.35	107	397798	39.871	ng	#	66
37) 2-Methylnaphthalene	11.70	142	691305	42.071	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	531270	40.742	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	828075	108.984	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011294.D
Acq On : 18 Aug 2017 19:03
Operator : SJ/JU
Sample : PB101645BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Manual Integrations APPROVED
Sohil
8/21/2017 5:18:57 PM

Quant Time: Aug 18 23:29:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	319326	40.459	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	327879	40.335	ng	#	85
45) 1,1'-Biphenyl	12.76	154	965326	36.783	ng		96
46) 2-Chloronaphthalene	12.79	162	773429	39.999	ng	#	93
47) 2-Nitroaniline	13.02	65	354698	51.851	ng	#	59
48) Acenaphthylene	13.65	152	1154577	40.010	ng		100
49) Dimethylphthalate	13.42	163	983450	37.877	ng	#	99
50) 2,6-Dinitrotoluene	13.53	165	209351	39.873	ng	#	26
51) Acenaphthene	14.00	154	721209	40.364	ng		99
52) 3-Nitroaniline	13.86	138	164938	36.201	ng	#	10
53) 2,4-Dinitrophenol	14.07	184	309206	82.865	ng	#	67
54) Dibenzofuran	14.34	168	1242066	42.902	ng		92
55) 4-Nitrophenol	14.20	139	256352	64.041	ng	#	65
56) 2,4-Dinitrotoluene	14.33	165	310426	42.115	ng	#	65
57) Fluorene	15.00	166	1009307	40.041	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.58	232	357787	46.958	ng	#	100
59) Diethylphthalate	14.80	149	1010489	38.108	ng		99
60) 4-Chlorophenyl-phenylether	15.01	204	626220	41.147	ng		99
61) 4-Nitroaniline	15.04	138	150187	31.034	ng	#	1
62) Azobenzene	15.30	77	1559936	54.968	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	210706	39.456	ng		92
65) n-Nitrosodiphenylamine	15.23	169	880322	38.995	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	420442	41.461	ng	#	89
67) Hexachlorobenzene	16.01	284	424131	37.013	ng	#	91
68) Atrazine	16.20	200	379875	41.990	ng		96
69) Pentachlorophenol	16.36	266	565425	77.722	ng		96
70) Phenanthrene	16.74	178	1748062	42.321	ng		98
71) Anthracene	16.83	178	1771057	42.993	ng		99
72) Carbazole	17.12	167	1465832	40.689	ng		99
73) Di-n-butylphthalate	17.70	149	1692093	38.570	ng	#	95
74) Fluoranthene	18.77	202	2304176	45.015	ng		99
76) Benzidine	18.99	184	1484068	59.323	ng		98
77) Pyrene	19.14	202	2408296	38.758	ng		99
79) Butylbenzylphthalate	20.09	149	815736	36.919	ng	#	57
80) Benzo(a)anthracene	20.91	228	2560640	42.884	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	869991	37.140	ng	#	97
82) Chrysene	20.96	228	2397398	41.827	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1164025	35.810	ng		99
84) Di-n-octyl phthalate	21.73	149	1998263	37.877	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2725216	45.910	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2589429	39.790	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2553662	40.941	ng	#	95
89) Benzo(a)pyrene	22.91	252	2509094	42.609	ng	#	96
90) Dibenzo(a,h)anthracene	25.02	278	2254964	41.308	ng	#	90
91) Benzo(g,h,i)perylene	25.61	276	2267841	42.307	ng	#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011294.D
Acq On : 18 Aug 2017 19:03
Operator : SJ/JU
Sample : PB101645BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 18 23:29:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Manual Integrations APPROVED
Sohil
8/21/2017 5:18:57 PM