Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016637.D
Acq On : 31 Aug 2018 14:50
Operator : SJ/JU
Sample : PB112520BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:11 PM

Quant Time: Aug 31 17:23:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	98425	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	427829	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	313566	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	996062	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1404372	20.00	ng		0.00
86) Perylene-d12	23.81	264	1242104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	604928	120.44	ng		0.00
7) Phenol-d6	7.18	99	744619	112.03	ng		0.00
23) Nitrobenzene-d5	9.19	82	668907	71.39	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	996516	113.69	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2412883	73.97	ng		0.00
78) Terphenyl-d14	19.97	244	5497557	82.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	104137	37.529	ng	#	100
3) Pyridine	3.80	79	182312	31.579	ng	#	83
4) n-Nitrosodimethylamine	3.72	42	125586	48.828	ng	#	59
6) Aniline	7.33	93	265868	35.747	ng	#	88
8) 2-Chlorophenol	7.56	128	269965	45.170	ng		96
9) Benzaldehyde	7.15	77	164912	35.752	ng	#	77
10) Phenol	7.21	94	287874	43.796	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	194595	39.480	ng		92
12) 1,3-Dichlorobenzene	7.88	146	296571	37.427	ng	#	84
13) 1,4-Dichlorobenzene	8.03	146	307388	37.800	ng		97
14) 1,2-Dichlorobenzene	8.35	146	307985	38.550	ng	#	92
15) Benzyl Alcohol	8.26	79	233053	37.758	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.53	45	131292	38.684	ng	#	47
17) 2-Methylphenol	8.46	107	209636	44.043	ng	#	70
18) Hexachloroethane	9.06	117	177272	47.319	ng	#	46
19) n-Nitroso-di-n-propylamine	8.82	70	214521	41.167	ng	#	82
20) 3+4-Methylphenols	8.80	107	267428	40.635	ng	#	80
22) Acetophenone	8.85	105	414232	40.208	ng		96
24) Nitrobenzene	9.23	77	369140	39.429	ng		92
25) Isophorone	9.75	82	578617	46.204	ng	#	94
26) 2-Nitrophenol	9.94	139	154150	38.514	ng	#	52
27) 2,4-Dimethylphenol	9.99	122	236659	45.373	ng	#	76
28) bis(2-Chloroethoxy)methane	10.22	93	291563	39.002	ng	#	94
29) 2,4-Dichlorophenol	10.47	162	339289	43.463	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	512357	43.254	ng	#	95
31) Naphthalene	10.85	128	820345	40.245	ng		98
32) Benzoic acid	10.22	122	137967	31.614	ng	#	59
33) 4-Chloroaniline	10.99	127	199388	23.243	ng	#	83
34) Hexachlorobutadiene	11.10	225	569894	50.408	ng		99
35) Caprolactam	11.83	113	66246m	35.366	ng		
36) 4-Chloro-3-methylphenol	12.12	107	293871	39.158	ng		85
37) 2-Methylnaphthalene	12.46	142	705068	44.185	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	850081	48.002	ng	#	100
40) Hexachlorocyclopentadiene	12.78	237	1054010	112.930	ng		100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016637.D
Acq On : 31 Aug 2018 14:50
Operator : SJ/JU
Sample : PB112520BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:11 PM

Quant Time: Aug 31 17:23:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	490731	46.339 ng		97
43) 2,4,5-Trichlorophenol	13.17	196	476232	46.037 ng	#	96
45) 1,1'-Biphenyl	13.47	154	990728	36.033 ng		98
46) 2-Chloronaphthalene	13.52	162	828168	37.075 ng		97
47) 2-Nitroaniline	13.76	65	207916	34.945 ng	#	76
48) Acenaphthylene	14.37	152	1230408	39.022 ng		99
49) Dimethylphthalate	14.10	163	1163205	38.612 ng	#	97
50) 2,6-Dinitrotoluene	14.25	165	225378	38.356 ng	#	70
51) Acenaphthene	14.70	154	705112	36.399 ng		94
52) 3-Nitroaniline	14.59	138	127526	23.852 ng	#	80
53) 2,4-Dinitrophenol	14.82	184	242290	82.397 ng	#	73
54) Dibenzofuran	15.05	168	1463031	39.453 ng		92
55) 4-Nitrophenol	14.91	139	204467	59.960 ng	#	76
56) 2,4-Dinitrotoluene	15.05	165	354511	36.181 ng	#	90
57) Fluorene	15.69	166	1160732	41.435 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	481345	48.413 ng	#	100
59) Diethylphthalate	15.46	149	1141995	36.357 ng		94
60) 4-Chlorophenyl-phenylether	15.67	204	1047589	44.592 ng	#	84
61) 4-Nitroaniline	15.76	138	148574	28.434 ng	#	1
62) Azobenzene	15.97	77	1397835	41.781 ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	249265	32.935 ng	#	58
65) n-Nitrosodiphenylamine	15.90	169	993529	35.456 ng		97
66) 4-Bromophenyl-phenylether	16.57	248	661574	43.226 ng		97
67) Hexachlorobenzene	16.69	284	730677	40.938 ng		97
68) Atrazine	16.85	200	608202	47.560 ng		92
69) Pentachlorophenol	17.04	266	646878	68.499 ng		97
70) Phenanthrene	17.43	178	1971036	38.286 ng		99
71) Anthracene	17.52	178	2002569	39.173 ng		100
72) Carbazole	17.80	167	1361265	29.630 ng		99
73) Di-n-butylphthalate	18.32	149	1883812	33.634 ng	#	96
74) Fluoranthene	19.43	202	2944898	39.013 ng		94
76) Benzidine	19.62	184	936363	34.670 ng		98
77) Pyrene	19.79	202	2989704	39.172 ng		99
79) Butylbenzylphthalate	20.65	149	877364	33.303 ng	#	68
80) Benzo(a)anthracene	21.52	228	3192356	38.665 ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	856262	23.298 ng	#	96
82) Chrysene	21.56	228	2860949	36.317 ng		98
83) Bis(2-ethylhexyl)phthalate	21.40	149	1269945	32.426 ng	#	97
84) Di-n-octyl phthalate	22.29	149	2011349	30.904 ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.11	276	3473686	30.662 ng	#	91
87) Benzo(b)fluoranthene	23.12	252	3073722	42.928 ng	#	90
88) Benzo(k)fluoranthene	23.16	252	3007468	41.281 ng	#	92
89) Benzo(a)pyrene	23.71	252	2887709	41.449 ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	2924605	37.457 ng	#	87
91) Benzo(g,h,i)perylene	26.83	276	2681674	38.262 ng	#	81

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016637.D
Acq On : 31 Aug 2018 14:50
Operator : SJ/JU
Sample : PB112520BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 31 17:23:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB112520BS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:11 PM