Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015922.D
Acq On : 12 Jul 2018 19:30
Operator : SJ/JU
Sample : PB111042BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:07 PM

Quant Time: Jul 12 23:46:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	79643	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	319266	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	170132	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	329048	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	294268	20.00	ng		-0.02
86) Perylene-d12	24.14	264	288246	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	471550	101.54	ng		-0.02
7) Phenol-d6	7.44	99	603667	94.95	ng		-0.02
23) Nitrobenzene-d5	9.47	82	668802	102.21	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	194508	87.50	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1373314	100.21	ng		-0.03
78) Terphenyl-d14	20.20	244	1608982	101.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	71161	37.051	ng	#	100
3) Pyridine	3.99	79	184488	36.401	ng	#	77
4) n-Nitrosodimethylamine	3.90	42	172831	43.795	ng	#	40
6) Aniline	7.61	93	239587	31.083	ng		91
8) 2-Chlorophenol	7.85	128	253422	45.468	ng		95
9) Benzaldehyde	7.42	77	144208	35.988	ng		91
10) Phenol	7.47	94	287635	45.026	ng		95
11) bis(2-Chloroethyl)ether	7.70	93	210312	40.471	ng		89
12) 1,3-Dichlorobenzene	8.17	146	262429	42.467	ng	#	91
13) 1,4-Dichlorobenzene	8.32	146	268514	42.019	ng	#	94
14) 1,2-Dichlorobenzene	8.64	146	260488	42.149	ng	#	94
15) Benzyl Alcohol	8.54	79	224607	40.693	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	334883	59.006	ng		98
17) 2-Methylphenol	8.73	107	200925	45.398	ng	#	84
18) Hexachloroethane	9.37	117	113863	45.062	ng		98
19) n-Nitroso-di-n-propylamine	9.10	70	194800	38.125	ng	#	77
20) 3+4-Methylphenols	9.07	107	261849	42.593	ng		89
22) Acetophenone	9.13	105	363596	43.717	ng	#	84
24) Nitrobenzene	9.52	77	305108	47.901	ng		98
25) Isophorone	10.04	82	491401	49.202	ng	#	94
26) 2-Nitrophenol	10.23	139	126386	46.080	ng	#	59
27) 2,4-Dimethylphenol	10.27	122	219129	52.590	ng	#	83
28) bis(2-Chloroethoxy)methane	10.51	93	292360	44.931	ng		99
29) 2,4-Dichlorophenol	10.76	162	228046	49.416	ng		96
30) 1,2,4-Trichlorobenzene	10.97	180	238640	44.522	ng		95
31) Naphthalene	11.16	128	733189	44.294	ng		100
32) Benzoic acid	10.45	122	128013	34.701	ng	#	85
33) 4-Chloroaniline	11.28	127	140916	20.881	ng	#	87
34) Hexachlorobutadiene	11.42	225	161473	45.140	ng		99
35) Caprolactam	12.09	113	58745m	38.384	ng		
36) 4-Chloro-3-methylphenol	12.39	107	238555	45.052	ng		88
37) 2-Methylnaphthalene	12.76	142	546649	46.425	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	259796	47.578	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	278145	105.647	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015922.D
Acq On : 12 Jul 2018 19:30
Operator : SJ/JU
Sample : PB111042BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:07 PM

Quant Time: Jul 12 23:46:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	165681	48.000	ng		97
43) 2,4,5-Trichlorophenol	13.43	196	166735	44.718	ng	#	83
45) 1,1'-Biphenyl	13.74	154	677583	46.064	ng		97
46) 2-Chloronaphthalene	13.80	162	521959	47.460	ng	#	92
47) 2-Nitroaniline	14.01	65	168167	43.847	ng	#	78
48) Acenaphthylene	14.64	152	833943	46.612	ng		99
49) Dimethylphthalate	14.36	163	636503	42.421	ng		99
50) 2,6-Dinitrotoluene	14.50	165	132883	45.422	ng	#	68
51) Acenaphthene	14.97	154	478634	42.993	ng		98
52) 3-Nitroaniline	14.83	138	90922	28.394	ng	#	78
53) 2,4-Dinitrophenol	15.04	184	110422	75.825	ng	#	79
54) Dibenzofuran	15.30	168	766875	44.703	ng	#	85
55) 4-Nitrophenol	15.13	139	188999	79.974	ng	#	74
56) 2,4-Dinitrotoluene	15.29	165	180645	42.770	ng		99
57) Fluorene	15.95	166	601669	42.531	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	141520	44.979	ng	#	100
59) Diethylphthalate	15.70	149	664364	41.318	ng		96
60) 4-Chlorophenyl-phenylether	15.93	204	299702	41.172	ng	#	83
61) 4-Nitroaniline	15.99	138	116260	34.998	ng	#	29
62) Azobenzene	16.22	77	726048	48.171	ng		78
64) 4,6-Dinitro-2-methylphenol	16.04	198	77948	38.967	ng		87
65) n-Nitrosodiphenylamine	16.15	169	506767	44.946	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	170807	46.492	ng	#	79
67) Hexachlorobenzene	16.94	284	190400	46.378	ng	#	70
68) Atrazine	17.08	200	173369	46.748	ng		97
69) Pentachlorophenol	17.29	266	190742	75.086	ng		99
70) Phenanthrene	17.68	178	856875	45.518	ng		99
71) Anthracene	17.77	178	870639	47.094	ng		98
72) Carbazole	18.04	167	751293	43.610	ng		98
73) Di-n-butylphthalate	18.56	149	1012644	43.611	ng	#	97
74) Fluoranthene	19.66	202	892745	41.251	ng		99
76) Benzidine	19.84	184	455864	52.874	ng		99
77) Pyrene	20.02	202	899034	49.046	ng		99
79) Butylbenzylphthalate	20.86	149	430828	48.622	ng	#	81
80) Benzo(a)anthracene	21.73	228	852040	45.668	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	223393	33.325	ng		99
82) Chrysene	21.78	228	790402	45.477	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	605069	46.216	ng		94
84) Di-n-octyl phthalate	22.53	149	997470	46.725	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.60	276	972638	60.234	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	833754	43.324	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	800685	42.830	ng		99
89) Benzo(a)pyrene	24.03	252	793555	46.844	ng		99
90) Dibenzo(a,h)anthracene	26.60	278	834224	54.733	ng		97
91) Benzo(g,h,i)perylene	27.36	276	778429	58.126	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015922.D
Acq On : 12 Jul 2018 19:30
Operator : SJ/JU
Sample : PB111042BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 12 23:46:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB111042BS

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:07 PM