Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015881.D
Acq On : 10 Jul 2018 23:16
Operator : SJ/JU
Sample : PB110959BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110959BS

Manual Integrations APPROVED
Sohil
7/11/2018 12:17:27 PM

Quant Time: Jul 11 04:34:01 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	8.30	152	65414	20.00	ng		-0.02
21) Naphthalene-d8	11.12	136	321665	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	203971	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	471218	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	530726	20.00	ng		-0.01
86) Perylene-d12	24.15	264	473600	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	712991	186.93	ng		-0.02
7) Phenol-d6	7.45	99	961221	184.08	ng		-0.01
23) Nitrobenzene-d5	9.49	82	680973	103.29	ng		-0.02
41) 2,4,6-Tribromophenol	16.40	330	497614	186.71	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1661374	101.12	ng		-0.02
78) Terphenyl-d14	20.21	244	3206187	112.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	51152	32.426	ng	#	100
3) Pyridine	4.00	79	137666	33.071	ng	#	77
4) n-Nitrosodimethylamine	3.91	42	142736	44.036	ng	#	40
6) Aniline	7.62	93	227863	35.993	ng		91
8) 2-Chlorophenol	7.86	128	243264	53.140	ng		95
9) Benzaldehyde	7.43	77	139408	42.358	ng		93
10) Phenol	7.48	94	291538	55.564	ng		95
11) bis(2-Chloroethyl)ether	7.72	93	190215	44.565	ng		90
12) 1,3-Dichlorobenzene	8.18	146	224500	44.232	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	229447	43.715	ng	#	94
14) 1,2-Dichlorobenzene	8.65	146	230084	45.327	ng	#	93
15) Benzyl Alcohol	8.55	79	226231	49.903	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	306339	65.718	ng		99
17) 2-Methylphenol	8.75	107	205822	56.621	ng	#	86
18) Hexachloroethane	9.38	117	96877	46.679	ng		94
19) n-Nitroso-di-n-propylamine	9.12	70	194259	46.289	ng	#	74
20) 3+4-Methylphenols	9.07	107	278201	55.097	ng		88
22) Acetophenone	9.14	105	364893	43.546	ng	#	85
24) Nitrobenzene	9.53	77	309469	48.223	ng		97
25) Isophorone	10.05	82	542270	53.890	ng	#	94
26) 2-Nitrophenol	10.24	139	134677	48.736	ng	#	58
27) 2,4-Dimethylphenol	10.29	122	247356	58.922	ng	#	84
28) bis(2-Chloroethoxy)methane	10.52	93	319441	48.727	ng		99
29) 2,4-Dichlorophenol	10.77	162	261308	56.202	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	250116	46.315	ng		98
31) Naphthalene	11.17	128	797777	47.837	ng		100
32) Benzoic acid	10.47	122	158816	42.729	ng	#	84
33) 4-Chloroaniline	11.29	127	109926	16.167	ng	#	88
34) Hexachlorobutadiene	11.43	225	156506	43.425	ng		98
35) Caprolactam	12.10	113	80179m	51.998	ng		
36) 4-Chloro-3-methylphenol	12.40	107	303594	56.907	ng		87
37) 2-Methylnaphthalene	12.76	142	623117	52.524	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	296244	45.252	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	304027	97.156	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015881.D
Acq On : 10 Jul 2018 23:16
Operator : SJ/JU
Sample : PB110959BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB110959BS

Manual Integrations APPROVED
Sohil
7/11/2018 12:17:27 PM

Quant Time: Jul 11 04:34:01 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	13.37	196	210778	50.935	ng		99
43) 2,4,5-Trichlorophenol	13.44	196	222390	49.749	ng	#	82
45) 1,1'-Biphenyl	13.76	154	821855	46.603	ng		99
46) 2-Chloronaphthalene	13.81	162	636560	48.277	ng	#	91
47) 2-Nitroaniline	14.02	65	235091	51.128	ng	#	79
48) Acenaphthylene	14.64	152	1068031	49.793	ng		99
49) Dimethylphthalate	14.37	163	866493	48.168	ng		99
50) 2,6-Dinitrotoluene	14.50	165	181803	51.834	ng	#	66
51) Acenaphthene	14.99	154	613265	45.947	ng		96
52) 3-Nitroaniline	14.84	138	141569	36.876	ng	#	76
53) 2,4-Dinitrophenol	15.05	184	183172	102.229	ng	#	82
54) Dibenzofuran	15.32	168	1015551	49.378	ng	#	86
55) 4-Nitrophenol	15.14	139	306159	108.057	ng	#	76
56) 2,4-Dinitrotoluene	15.29	165	266129	52.556	ng		98
57) Fluorene	15.96	166	840751	49.572	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	202919	53.793	ng	#	100
59) Diethylphthalate	15.72	149	950267	49.295	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	409051	46.871	ng	#	86
61) 4-Nitroaniline	16.00	138	184727	46.383	ng	#	28
62) Azobenzene	16.23	77	1005827	55.663	ng		79
64) 4,6-Dinitro-2-methylphenol	16.06	198	128897	44.996	ng		89
65) n-Nitrosodiphenylamine	16.16	169	728955	45.147	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	248900	47.308	ng	#	79
67) Hexachlorobenzene	16.95	284	273903	46.589	ng	#	73
68) Atrazine	17.09	200	265791	50.046	ng		97
69) Pentachlorophenol	17.30	266	318418	87.528	ng		99
70) Phenanthrene	17.69	178	1312982	48.703	ng		99
71) Anthracene	17.78	178	1352838	51.099	ng		98
72) Carbazole	18.04	167	1236378	50.115	ng		98
73) Di-n-butylphthalate	18.56	149	1645064	49.472	ng	#	97
74) Fluoranthene	19.67	202	1536254	49.569	ng		99
76) Benzidine	19.84	184	815125	52.421	ng		98
77) Pyrene	20.03	202	1581267	47.830	ng		99
79) Butylbenzylphthalate	20.87	149	801137	50.131	ng	#	84
80) Benzo(a)anthracene	21.74	228	1678275	49.875	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	450959	37.300	ng		99
82) Chrysene	21.79	228	1556033	49.640	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1166127	49.386	ng		97
84) Di-n-octyl phthalate	22.54	149	2047266	53.173	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1493625	51.287	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	1551699	49.074	ng	#	97
88) Benzo(k)fluoranthene	23.47	252	1543067	50.237	ng		99
89) Benzo(a)pyrene	24.05	252	1440970	51.770	ng		99
90) Dibenzo(a,h)anthracene	26.63	278	1291125	51.556	ng		97
91) Benzo(g,h,i)perylene	27.39	276	1153761	52.435	ng	#	94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071018\
Data File : BM015881.D
Acq On : 10 Jul 2018 23:16
Operator : SJ/JU
Sample : PB110959BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 11 04:34:01 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 :
PB110959BS

Manual Integrations APPROVED
Sohil
7/11/2018 12:17:27 PM