Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011166.D
Acq On : 07 Aug 2017 23:32
Operator : SJ/JU
Sample : I4592-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Manual Integrations APPROVED
Sohil
8/10/2017 6:13:04 PM

Quant Time: Aug 08 03:10:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	142058	20.00	ng		-0.08
21) Naphthalene-d8	10.07	136	669001	20.00	ng		-0.08
38) Acenaphthene-d10	13.98	164	594397	20.00	ng		-0.07
63) Phenanthrene-d10	16.74	188	1827048	20.00	ng		-0.07
75) Chrysene-d12	20.97	240	2310090	20.00	ng		-0.06
86) Perylene-d12	23.05	264	1886611	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	1309498	155.83	ng		-0.07
7) Phenol-d6	6.52	99	1776176	148.76	ng		-0.07
23) Nitrobenzene-d5	8.46	82	1819922	102.10	ng		-0.08
41) 2,4,6-Tribromophenol	15.49	330	1702169	178.67	ng		-0.06
44) 2-Fluorobiphenyl	12.59	172	4348335	91.75	ng		-0.08
78) Terphenyl-d14	19.41	244	10140358	86.95	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	153478	40.676	ng	#	100
3) Pyridine	3.34	79	442087	42.895	ng	#	83
4) n-Nitrosodimethylamine	3.25	42	294807	56.131	ng	#	66
6) Aniline	6.67	93	290223	19.286	ng	#	75
8) 2-Chlorophenol	6.89	128	403563	47.301	ng	#	71
9) Benzaldehyde	6.47	77	80589	10.432	ng	#	72
10) Phenol	6.55	94	621963	47.959	ng		90
11) bis(2-Chloroethyl)ether	6.77	93	490196	48.511	ng		88
12) 1,3-Dichlorobenzene	7.20	146	447782	43.064	ng	#	77
13) 1,4-Dichlorobenzene	7.35	146	445735	41.821	ng	#	89
14) 1,2-Dichlorobenzene	7.66	146	451916	44.347	ng	#	90
15) Benzyl Alcohol	7.57	79	658037	57.450	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.86	45	503660	55.390	ng		80
17) 2-Methylphenol	7.77	107	455758	54.987	ng	#	70
18) Hexachloroethane	8.37	117	216934	46.673	ng	#	81
19) n-Nitroso-di-n-propylamine	8.13	70	639811	63.058	ng	#	90
20) 3+4-Methylphenols	8.10	107	610344	52.974	ng	#	77
22) Acetophenone	8.13	105	885964	44.179	ng	#	88
24) Nitrobenzene	8.50	77	891288	48.253	ng	#	80
25) Isophorone	9.03	82	1609056	54.140	ng	#	82
26) 2-Nitrophenol	9.20	139	252279	42.925	ng	#	1
27) 2,4-Dimethylphenol	9.28	122	487504	47.119	ng	#	63
28) bis(2-Chloroethoxy)methane	9.52	93	800382	48.285	ng	#	96
29) 2,4-Dichlorophenol	9.73	162	575255	49.480	ng		92
30) 1,2,4-Trichlorobenzene	9.94	180	654879	45.557	ng		97
31) Naphthalene	10.12	128	1558236	46.300	ng		98
32) Benzoic acid	9.45	122	327625	39.396	ng	#	43
33) 4-Chloroaniline	10.28	127	212550	15.831	ng	#	62
34) Hexachlorobutadiene	10.41	225	513754	45.377	ng		98
35) Caprolactam	11.06	113	168154m	51.002	ng		
36) 4-Chloro-3-methylphenol	11.39	107	838338	55.844	ng	#	74
37) 2-Methylnaphthalene	11.75	142	1339185	54.166	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	1015737	39.775	ng	#	100
40) Hexachlorocyclopentadiene	12.11	237	230770	15.508	ng		99

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011166.D
Acq On : 07 Aug 2017 23:32
Operator : SJ/JU
Sample : I4592-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Manual Integrations APPROVED
Sohil
8/10/2017 6:13:04 PM

Quant Time: Aug 08 03:10:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	702106	45.424	ng		97
43) 2,4,5-Trichlorophenol	12.46	196	773886	48.612	ng	#	85
45) 1,1'-Biphenyl	12.80	154	2083794	40.544	ng		96
46) 2-Chloronaphthalene	12.83	162	1631306	43.078	ng	#	94
47) 2-Nitroaniline	13.06	65	776345	57.950	ng	#	60
48) Acenaphthylene	13.69	152	2654658	46.974	ng		99
49) Dimethylphthalate	13.46	163	2438548	47.958	ng	#	98
50) 2,6-Dinitrotoluene	13.57	165	519983	50.570	ng	#	44
51) Acenaphthene	14.05	154	1635467	46.738	ng		98
52) 3-Nitroaniline	13.91	138	312169	34.985	ng	#	25
53) 2,4-Dinitrophenol	14.12	184	787449	107.757	ng	#	83
54) Dibenzofuran	14.39	168	3052383	53.835	ng	#	90
55) 4-Nitrophenol	14.24	139	609428	77.739	ng	#	80
56) 2,4-Dinitrotoluene	14.37	165	816810	56.585	ng	#	74
57) Fluorene	15.04	166	2614513	52.962	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.62	232	908150	60.861	ng	#	100
59) Diethylphthalate	14.85	149	2757988	53.110	ng		99
60) 4-Chlorophenyl-phenylether	15.05	204	1564208	52.482	ng		96
61) 4-Nitroaniline	15.08	138	305922	32.279	ng	#	1
62) Azobenzene	15.34	77	3634913	65.403	ng		85
64) 4,6-Dinitro-2-methylphenol	15.14	198	565330	45.706	ng		93
65) n-Nitrosodiphenylamine	15.27	169	2056567	39.332	ng		100
66) 4-Bromophenyl-phenylether	15.94	248	1077733	45.885	ng	#	91
67) Hexachlorobenzene	16.04	284	1123336	42.325	ng	#	85
68) Atrazine	16.24	200	635414	30.325	ng		98
69) Pentachlorophenol	16.40	266	1580909	93.822	ng		98
70) Phenanthrene	16.78	178	4784263	50.009	ng		99
71) Anthracene	16.87	178	4849959	50.832	ng		99
72) Carbazole	17.15	167	3308575	39.652	ng		99
73) Di-n-butylphthalate	17.74	149	5132200	50.508	ng	#	96
74) Fluoranthene	18.82	202	6625202	55.883	ng		99
77) Pyrene	19.18	202	6771362	49.331	ng		99
79) Butylbenzylphthalate	20.13	149	2471711	50.639	ng	#	66
80) Benzo(a)anthracene	20.95	228	6631156	50.272	ng		98
81) 3,3'-Dichlorobenzidine	20.90	252	274213	5.299	ng	#	97
82) Chrysene	21.00	228	6213918	49.077	ng		100
83) Bis(2-ethylhexyl)phthalate	20.92	149	3541344	49.318	ng	#	99
84) Di-n-octyl phthalate	21.76	149	5900391	50.629	ng		96
85) Indeno(1,2,3-cd)pyrene	25.09	276	5780375	44.081	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	6732752	55.603	ng	#	92
88) Benzo(k)fluoranthene	22.48	252	6042291	52.064	ng	#	94
89) Benzo(a)pyrene	22.96	252	5870177	53.577	ng	#	95
90) Dibenzo(a,h)anthracene	25.10	278	4595486	45.244	ng	#	90
91) Benzo(g,h,i)perylene	25.71	276	4518213	45.301	ng	#	85

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011166.D
Acq On : 07 Aug 2017 23:32
Operator : SJ/JU
Sample : I4592-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 08 03:10:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MS

Manual Integrations APPROVED
Sohil
8/10/2017 6:13:04 PM