Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017291.D
Acq On : 23 Oct 2018 19:02
Operator : MJ/SJ
Sample : J5604-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Manual Integrations APPROVED
Sohil
10/24/2018 10:57:26 AM

Quant Time: Oct 24 07:33:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	283671	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1144287	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	692367	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1634111	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1692102	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1427914	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1826826	108.92	ng	0.00
7) Phenol-d6	6.85	99	2267161	99.25	ng	0.00
23) Nitrobenzene-d5	8.82	82	1628043	83.21	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1258393	134.40	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3938458	75.69	ng	-0.02
79) Terphenyl-d14	19.69	244	6531380	87.00	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	236942	27.666	ng	# 86
3) Pyridine	3.65	79	595974	30.243	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	330407	41.766	ng	# 74
6) Aniline	7.00	93	569979	19.949	ng	99
8) 2-Chlorophenol	7.23	128	912283	47.017	ng	98
9) Benzaldehyde	6.82	77	441898	30.340	ng	97
10) Phenol	6.88	94	975280	39.671	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	836252	42.671	ng	98
12) 1,3-Dichlorobenzene	7.55	146	941704	41.634	ng	97
13) 1,4-Dichlorobenzene	7.70	146	965394	41.775	ng	98
14) 1,2-Dichlorobenzene	8.00	146	933606	41.931	ng	99
15) Benzyl Alcohol	7.90	79	809958	48.510	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1127697	41.188	ng	98
17) 2-Methylphenol	8.11	107	753584	47.757	ng	99
18) Hexachloroethane	8.72	117	343045	43.377	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	690805	45.928	ng	98
20) 3+4-Methylphenols	8.43	107	1030449	47.745	ng	98
22) Acetophenone	8.48	105	1647009	56.781	ng	# 100
24) Nitrobenzene	8.86	77	996534	48.152	ng	95
25) Isophorone	9.38	82	1905336	58.974	ng	99
26) 2-Nitrophenol	9.56	139	509248	52.033	ng	98
27) 2,4-Dimethylphenol	9.63	122	901988	63.138	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	1176280	51.728	ng	100
29) 2,4-Dichlorophenol	10.09	162	911182	54.934	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	912300	45.849	ng	99
31) Naphthalene	10.49	128	2812608	50.156	ng	100
32) Benzoic acid	9.79	122	639961	60.038	ng	98
33) 4-Chloroaniline	10.60	127	180717	7.462	ng	98
34) Hexachlorobutadiene	10.76	225	550519	43.665	ng	98
35) Caprolactam	11.41	113	236385m	39.105	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1036480	55.436	ng	99
37) 2-Methylnaphthalene	12.10	142	2143278	55.853	ng	99
38) 1-Methylnaphthalene	12.33	142	2029909	54.351	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1092446	44.804	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017291.D
Acq On : 23 Oct 2018 19:02
Operator : MJ/SJ
Sample : J5604-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Manual Integrations APPROVED
Sohil
10/24/2018 10:57:26 AM

Quant Time: Oct 24 07:33:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1256176	106.569	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	775828	54.812	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	850294	56.021	ng		99
46) 1,1'-Biphenyl	13.13	154	2739831	43.974	ng		99
47) 2-Chloronaphthalene	13.17	162	2135664	46.593	ng		99
48) 2-Nitroaniline	13.39	65	678995	51.908	ng		95
49) Acenaphthylene	14.02	152	3543955	53.341	ng		100
50) Dimethylphthalate	13.77	163	2845384	53.268	ng		100
51) 2,6-Dinitrotoluene	13.89	165	632483	53.798	ng		99
52) Acenaphthene	14.37	154	2081721	49.902	ng		98
53) 3-Nitroaniline	14.22	138	243645	19.135	ng		99
54) 2,4-Dinitrophenol	14.43	184	565447	81.779	ng		98
55) Dibenzofuran	14.70	168	3373062	48.623	ng		100
56) 4-Nitrophenol	14.55	139	1403764	118.549	ng		96
57) 2,4-Dinitrotoluene	14.69	165	913810	57.830	ng	#	99
58) Fluorene	15.36	166	2759624	53.744	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	800483	57.858	ng		98
60) Diethylphthalate	15.15	149	2997537	56.585	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	1394332	47.632	ng		97
62) 4-Nitroaniline	15.39	138	672765	47.409	ng		99
63) Azobenzene	15.65	77	2659932	51.660	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	470140	45.269	ng		98
66) n-Nitrosodiphenylamine	15.57	169	2509291	50.755	ng		100
67) 4-Bromophenyl-phenylether	16.25	248	917611	51.141	ng		96
68) Hexachlorobenzene	16.36	284	1000449	48.001	ng		98
69) Atrazine	16.54	200	956720	54.068	ng		98
70) Pentachlorophenol	16.71	266	1253735	87.812	ng		99
71) Phenanthrene	17.10	178	4506428	51.113	ng		100
72) Anthracene	17.19	178	4628441	55.250	ng		99
73) Carbazole	17.46	167	4227950	49.407	ng		100
74) Di-n-butylphthalate	18.03	149	5220662	57.842	ng		99
75) Fluoranthene	19.12	202	5315063	53.574	ng		98
77) Benzidine	19.32	184	1274119	29.696	ng		98
78) Pyrene	19.48	202	5403991	57.141	ng		100
80) Butylbenzylphthalate	20.39	149	2402025	63.943	ng		94
81) Benzo(a)anthracene	21.23	228	5165407	54.246	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1012764	28.537	ng		98
83) Chrysene	21.29	228	4807257	51.005	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3436768	60.823	ng		99
85) Di-n-octyl phthalate	22.04	149	5585627	58.501	ng		99
86) Indeno(1,2,3-cd)pyrene	25.67	276	4327758	41.054	ng		100
88) Benzo(b)fluoranthene	22.80	252	4524061	57.949	ng		99
89) Benzo(k)fluoranthene	22.84	252	4308682	55.002	ng		99
90) Benzo(a)pyrene	23.37	252	4079236	55.032	ng		99
91) Dibenzo(a,h)anthracene	25.69	278	3665506	49.801	ng		99
92) Benzo(g,h,i)perylene	26.35	276	3623181	49.667	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017291.D
Acq On : 23 Oct 2018 19:02
Operator : MJ/SJ
Sample : J5604-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 07:33:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MS-VB-29736-BOX-2MS

Manual Integrations APPROVED
Sohil
10/24/2018 10:57:26 AM