Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020043.D
Acq On : 23 Apr 2019 19:06
Operator : JU/SJ
Sample : K2515-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:26 AM

Quant Time: Apr 24 04:24:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	79340	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	300902	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	173625	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	374648	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	371328	20.00	ng		-0.02
87) Perylene-d12	23.33	264	432053	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	633668	129.44	ng		-0.02
7) Phenol-d6	6.69	99	892461	121.13	ng		-0.02
23) Nitrobenzene-d5	8.66	82	585953	87.09	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	357629	127.96	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1186875	85.19	ng		-0.02
79) Terphenyl-d14	19.57	244	1835794	87.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	86913	41.140	ng		97
3) Pyridine	3.49	79	209424	35.397	ng		97
4) n-Nitrosodimethylamine	3.41	42	83505	43.814	ng	#	91
6) Aniline	6.85	93	132728	13.948	ng		98
8) 2-Chlorophenol	7.06	128	241767	39.706	ng		98
9) Benzaldehyde	6.68	77	72717	14.104	ng		94
10) Phenol	6.72	94	316395	39.305	ng		94
11) bis(2-Chloroethyl)ether	6.95	93	212852	36.140	ng		98
12) 1,3-Dichlorobenzene	7.38	146	251118	39.285	ng		97
13) 1,4-Dichlorobenzene	7.53	146	259533	40.017	ng		99
14) 1,2-Dichlorobenzene	7.83	146	251902	39.172	ng		99
15) Benzyl Alcohol	7.76	79	240657	35.929	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.02	45	188867	33.639	ng		96
17) 2-Methylphenol	7.95	107	199493	37.445	ng		97
18) Hexachloroethane	8.53	117	98765	39.176	ng		93
19) n-Nitroso-di-n-propylamine	8.30	70	212614	32.828	ng		98
20) 3+4-Methylphenols	8.29	107	264011	36.074	ng		97
22) Acetophenone	8.33	105	360609	44.000	ng		99
24) Nitrobenzene	8.71	77	314241	45.084	ng		97
25) Isophorone	9.22	82	527435	40.269	ng		99
26) 2-Nitrophenol	9.41	139	120009	40.403	ng		93
27) 2,4-Dimethylphenol	9.47	122	195846	46.633	ng		99
28) bis(2-Chloroethoxy)methane	9.70	93	293091	39.962	ng		98
29) 2,4-Dichlorophenol	9.96	162	207254	43.451	ng		99
30) 1,2,4-Trichlorobenzene	10.13	180	238069	46.374	ng		99
31) Naphthalene	10.32	128	703455	43.586	ng		99
32) Benzoic acid	9.65	122	86243	24.569	ng		98
33) 4-Chloroaniline	10.49	127	74839	11.256	ng		98
34) Hexachlorobutadiene	10.57	225	140573	46.428	ng		97
35) Caprolactam	11.29	113	63109m	34.954	ng		
36) 4-Chloro-3-methylphenol	11.60	107	239726	40.449	ng		99
37) 2-Methylnaphthalene	11.95	142	505911	43.056	ng		98
38) 1-Methylnaphthalene	12.16	142	479321	41.315	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	244858	45.715	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020043.D
Acq On : 23 Apr 2019 19:06
Operator : JU/SJ
Sample : K2515-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:26 AM

Quant Time: Apr 24 04:24:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	159278	83.411 ng	98
43) 2,4,6-Trichlorophenol	12.59	196	166270	45.787 ng	97
44) 2,4,5-Trichlorophenol	12.67	196	166538	44.063 ng	98
46) 1,1'-Biphenyl	12.98	154	658273	43.774 ng	98
47) 2-Chloronaphthalene	13.02	162	503403	43.886 ng	99
48) 2-Nitroaniline	13.27	65	169725	41.049 ng	98
49) Acenaphthylene	13.88	152	824892	41.331 ng	99
50) Dimethylphthalate	13.63	163	751349	49.060 ng	100
51) 2,6-Dinitrotoluene	13.77	165	139967	41.330 ng	84
52) Acenaphthene	14.22	154	476897	43.096 ng	98
53) 3-Nitroaniline	14.13	138	47880	14.159 ng	93
54) 2,4-Dinitrophenol	14.35	184	132277	66.774 ng	89
55) Dibenzofuran	14.56	168	770320	42.569 ng	97
56) 4-Nitrophenol	14.45	139	180281	68.476 ng	88
57) 2,4-Dinitrotoluene	14.59	165	197775	40.628 ng	98
58) Fluorene	15.22	166	634415	41.375 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	157865	45.777 ng	99
60) Diethylphthalate	15.00	149	675703	42.422 ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	317485	43.005 ng	96
62) 4-Nitroaniline	15.30	138	112132	33.656 ng	90
63) Azobenzene	15.51	77	750410	44.080 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	87233	36.493 ng	96
66) n-Nitrosodiphenylamine	15.45	169	537683	43.899 ng	99
67) 4-Bromophenyl-phenylether	16.12	248	186729	43.351 ng	98
68) Hexachlorobenzene	16.22	284	223601	43.263 ng	95
69) Atrazine	16.41	200	188611	45.362 ng	96
70) Pentachlorophenol	16.59	266	218619	82.787 ng	99
71) Phenanthrene	16.97	178	966484	43.471 ng	99
72) Anthracene	17.06	178	964840	43.597 ng	99
73) Carbazole	17.35	167	867013	41.960 ng	99
74) Di-n-butylphthalate	17.89	149	1171771	43.182 ng	99
75) Fluoranthene	19.00	202	1119538	43.756 ng	99
77) Benzidine	19.22	184	365295	35.654 ng	99
78) Pyrene	19.37	202	1150348	46.780 ng	100
80) Butylbenzylphthalate	20.27	149	557244	46.741 ng	99
81) Benzo(a)anthracene	21.13	228	1096323	46.607 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	227649	26.012 ng	97
83) Chrysene	21.19	228	1095081	48.544 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	814821	45.909 ng	99
85) Di-n-octyl phthalate	21.91	149	1424348	49.458 ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1543389	69.549 ng	98
88) Benzo(b)fluoranthene	22.67	252	1262745	44.015 ng	100
89) Benzo(k)fluoranthene	22.72	252	1180866	43.721 ng	99
90) Benzo(a)pyrene	23.23	252	1169610	46.011 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	1296667	52.907 ng	98
92) Benzo(g,h,i)perylene	26.18	276	1199193	54.022 ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020043.D
Acq On : 23 Apr 2019 19:06
Operator : JU/SJ
Sample : K2515-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 24 04:24:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-10MSD

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:26 AM