Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089054.D
Acq On : 16 Jul 2016 14:38
Operator : UM/SJ
Sample : H3951-21MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB05(0-2ft)MS

Manual Integrations APPROVED
sohil
7/18/2016 7:36:21 PM

Quant Time: Jul 18 01:50:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	55485	20.00	ng		-0.05
21) Naphthalene-d8	7.95	136	224200	20.00	ng		-0.05
38) Acenaphthene-d10	9.70	164	92469	20.00	ng		-0.05
63) Phenanthrene-d10	11.18	188	137047	20.00	ng		-0.05
75) Chrysene-d12	13.82	240	98813	20.00	ng		-0.03
86) Perylene-d12	15.19	264	86997	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	424795	114.74	ng		-0.02
7) Phenol-d6	6.33	99	543900	113.70	ng		-0.02
23) Nitrobenzene-d5	7.23	82	313320	73.24	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	64822	75.49	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	556447	95.05	ng		-0.05
78) Terphenyl-d14	12.77	244	318490	71.79	ng		-0.03
Target Compounds							Qvalue
3) Pyridine	2.82	79	117717	22.10	ng		93
4) n-Nitrosodimethylamine	2.78	42	70086	34.44	ng		97
6) Aniline	6.34	93	61742	8.86	ng	#	1
8) 2-Chlorophenol	6.46	128	165985	41.72	ng		93
9) Benzaldehyde	6.20	77	76972	23.75	ng		92
10) Phenol	6.34	94	231991	42.49	ng		87
11) bis(2-Chloroethyl)ether	6.41	93	234183	57.52	ng		86
12) 1,3-Dichlorobenzene	6.60	146	166403	38.00	ng		99
13) 1,4-Dichlorobenzene	6.68	146	174635	40.18	ng		99
14) 1,2-Dichlorobenzene	6.83	146	143496m	35.28	ng		
15) Benzyl Alcohol	6.82	79	156255	44.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	182280	30.92	ng		79
17) 2-Methylphenol	6.95	107	134292	41.37	ng	#	92
18) Hexachloroethane	7.18	117	57010	33.91	ng	#	88
19) n-Nitroso-di-n-propylamine	7.10	70	127049	39.54	ng		89
20) 3+4-Methylphenols	7.10	107	160725	41.26	ng	#	79
22) Acetophenone	7.08	105	233551	42.92	ng	#	96
24) Nitrobenzene	7.26	77	195225	45.26	ng		88
25) Isophorone	7.50	82	311217	39.27	ng		97
26) 2-Nitrophenol	7.56	139	41455	23.44	ng	#	85
27) 2,4-Dimethylphenol	7.62	122	124511	33.80	ng		86
28) bis(2-Chloroethoxy)methane	7.71	93	201439	39.06	ng	#	96
29) 2,4-Dichlorophenol	7.82	162	111058	37.30	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	136512	41.78	ng		99
31) Naphthalene	7.98	128	494862	44.77	ng		99
32) Benzoic acid	7.71	122	13002	4.86	ng		99
33) 4-Chloroaniline	8.03	127	122659	24.94	ng		99
34) Hexachlorobutadiene	8.09	225	69448	39.69	ng		97
35) Caprolactam	8.40	113	30807	30.46	ng		92
36) 4-Chloro-3-methylphenol	8.52	107	133171	37.82	ng		92
37) 2-Methylnaphthalene	8.66	142	269068	37.81	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	130833	42.54	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	11627	7.70	ng		96
42) 2,4,6-Trichlorophenol	8.95	196	69279	34.16	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089054.D
Acq On : 16 Jul 2016 14:38
Operator : UM/SJ
Sample : H3951-21MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB05(0-2ft)MS

Manual Integrations APPROVED
sohil
7/18/2016 7:36:21 PM

Quant Time: Jul 18 01:50:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	67115	38.47	ng	#	80
45) 1,1'-Biphenyl	9.13	154	331742	43.33	ng		99
46) 2-Chloronaphthalene	9.15	162	263771	43.88	ng		99
47) 2-Nitroaniline	9.26	65	97103	45.52	ng		90
48) Acenaphthylene	9.56	152	410014	42.87	ng		99
49) Dimethylphthalate	9.44	163	571665	86.78	ng		99
50) 2,6-Dinitrotoluene	9.50	165	49940	34.20	ng	#	31
51) Acenaphthene	9.74	154	239523	40.85	ng		98
52) 3-Nitroaniline	9.67	138	72819	39.23	ng		98
54) Dibenzofuran	9.91	168	336175	43.81	ng	#	86
55) 4-Nitrophenol	9.85	139	69978	49.61	ng	#	82
56) 2,4-Dinitrotoluene	9.90	165	59444	31.14	ng	#	25
57) Fluorene	10.25	166	276890	46.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	46786	34.66	ng	#	45
59) Diethylphthalate	10.14	149	286085	43.27	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	124856	45.44	ng		90
61) 4-Nitroaniline	10.27	138	56824	31.81	ng	#	78
62) Azobenzene	10.41	77	299813	39.76	ng		87
65) n-Nitrosodiphenylamine	10.36	169	213260	45.98	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	61316	44.40	ng	#	72
67) Hexachlorobenzene	10.80	284	62204	40.69	ng		93
68) Atrazine	10.90	200	55945	38.71	ng		93
69) Pentachlorophenol	10.99	266	45301	50.07	ng		97
70) Phenanthrene	11.21	178	754090	100.66	ng		100
71) Anthracene	11.26	178	424672	57.01	ng		98
72) Carbazole	11.42	167	322810	46.04	ng		99
73) Di-n-butylphthalate	11.76	149	415236	50.92	ng		99
74) Fluoranthene	12.40	202	1085962	142.99	ng		99
76) Benzidine	12.51	184	13542	2.71	ng		98
77) Pyrene	12.63	202	1054297	125.84	ng		100
79) Butylbenzylphthalate	13.25	149	147405	39.44	ng	#	77
80) Benzo(a)anthracene	13.81	228	660284	103.77	ng		98
81) 3,3'-Dichlorobenzidine	13.77	252	57942	24.22	ng	#	93
82) Chrysene	13.85	228	509599	80.95	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	206221	48.33	ng	#	100
84) Di-n-octyl phthalate	14.42	149	327808	45.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	313515	64.73	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	749190m	137.28	ng		
88) Benzo(k)fluoranthene	14.85	252	203300m	42.79	ng		
89) Benzo(a)pyrene	15.14	252	460133	99.58	ng	#	96
90) Dibenzo(a,h)anthracene	16.49	278	191407m	49.61	ng		
91) Benzo(g,h,i)perylene	16.87	276	260436	65.23	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089054.D
Acq On : 16 Jul 2016 14:38
Operator : UM/SJ
Sample : H3951-21MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 18 01:50:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Manual Integrations APPROVED
sohil
7/18/2016 7:36:21 PM