Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089075.D
Acq On : 17 Jul 2016 13:41
Operator : UM/SJ
Sample : H4045-19MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B3(0-12)CMSD

Quant Time: Jul 18 03:39:19 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	59559	20.00	ng		-0.05
21) Naphthalene-d8	7.94	136	237713	20.00	ng		-0.06
38) Acenaphthene-d10	9.69	164	108983	20.00	ng		-0.06
63) Phenanthrene-d10	11.16	188	190797	20.00	ng		-0.06
75) Chrysene-d12	13.79	240	110249	20.00	ng		-0.06
86) Perylene-d12	15.15	264	107533	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	427523	107.58	ng		-0.03
7) Phenol-d6	6.32	99	566745	110.37	ng		-0.03
23) Nitrobenzene-d5	7.23	82	408770	90.11	ng		-0.05
41) 2,4,6-Tribromophenol	10.48	330	109884	108.58	ng		-0.06
44) 2-Fluorobiphenyl	9.03	172	689114	99.88	ng		-0.05
78) Terphenyl-d14	12.75	244	454737	91.87	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	42821	21.73	ng	#	29
3) Pyridine	2.82	79	131950	23.08	ng		98
4) n-Nitrosodimethylamine	2.79	42	62286	28.52	ng		98
6) Aniline	6.32	93	176993	23.65	ng	#	54
8) 2-Chlorophenol	6.44	128	142785	33.43	ng		100
9) Benzaldehyde	6.19	77	52751	15.17	ng		83
10) Phenol	6.33	94	210048	35.84	ng		79
11) bis(2-Chloroethyl)ether	6.40	93	130358	29.83	ng		91
12) 1,3-Dichlorobenzene	6.59	146	135836m	28.90	ng		
13) 1,4-Dichlorobenzene	6.67	146	146251	31.35	ng		95
14) 1,2-Dichlorobenzene	6.83	146	142287	32.59	ng		97
15) Benzyl Alcohol	6.81	79	136394	36.09	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.95	45	153316	24.22	ng		83
17) 2-Methylphenol	6.94	107	123456	35.43	ng		93
18) Hexachloroethane	7.16	117	53973	29.91	ng	#	82
19) n-Nitroso-di-n-propylamine	7.08	70	104871	30.40	ng		94
20) 3+4-Methylphenols	7.10	107	165003	39.46	ng	#	73
22) Acetophenone	7.07	105	209227	36.26	ng	#	93
24) Nitrobenzene	7.24	77	149093	32.60	ng	#	81
25) Isophorone	7.48	82	287111	34.17	ng		94
26) 2-Nitrophenol	7.56	139	82474	43.98	ng		92
27) 2,4-Dimethylphenol	7.61	122	125491	32.13	ng		88
28) bis(2-Chloroethoxy)methane	7.70	93	169483	31.00	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	121155	38.38	ng		93
30) 1,2,4-Trichlorobenzene	7.88	180	118785	34.29	ng		98
31) Naphthalene	7.96	128	409319	34.93	ng		99
33) 4-Chloroaniline	8.02	127	154830	29.69	ng		98
34) Hexachlorobutadiene	8.09	225	69845	37.65	ng		99
35) Caprolactam	8.39	113	31189m	29.09	ng		
36) 4-Chloro-3-methylphenol	8.51	107	127587	34.18	ng		88
37) 2-Methylnaphthalene	8.66	142	288025	38.17	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	109940	30.33	ng	#	1
40) Hexachlorocyclopentadiene	8.81	237	63661	35.78	ng		98
42) 2,4,6-Trichlorophenol	8.94	196	75443	31.57	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089075.D
Acq On : 17 Jul 2016 13:41
Operator : UM/SJ
Sample : H4045-19MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B3(0-12)CMSD

Quant Time: Jul 18 03:39:19 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	8.98	196	79208	38.52	ng	#	80
45) 1,1'-Biphenyl	9.12	154	299559	33.19	ng		100
46) 2-Chloronaphthalene	9.14	162	241240	34.05	ng		96
47) 2-Nitroaniline	9.24	65	92900	36.95	ng		92
48) Acenaphthylene	9.55	152	383006	33.98	ng		99
49) Dimethylphthalate	9.43	163	422881	54.46	ng		100
50) 2,6-Dinitrotoluene	9.48	165	62449	36.29	ng	#	30
51) Acenaphthene	9.72	154	229057	33.15	ng		99
52) 3-Nitroaniline	9.66	138	72298	33.05	ng		95
53) 2,4-Dinitrophenol	9.76	184	14509	19.10	ng	#	64
54) Dibenzofuran	9.90	168	335220	37.06	ng	#	88
55) 4-Nitrophenol	9.84	139	101308	60.94	ng		92
56) 2,4-Dinitrotoluene	9.90	165	86427	38.41	ng	#	71
57) Fluorene	10.24	166	280754	40.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	60893	38.28	ng	#	47
59) Diethylphthalate	10.12	149	291765	37.44	ng		98
60) 4-Chlorophenyl-phenylether	10.24	204	125745	38.83	ng		89
61) 4-Nitroaniline	10.26	138	58323	27.71	ng		78
62) Azobenzene	10.39	77	320186	36.02	ng		90
64) 4,6-Dinitro-2-methylphenol	10.30	198	28269	27.70	ng		87
65) n-Nitrosodiphenylamine	10.35	169	223320	34.58	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	66874	34.78	ng	#	76
67) Hexachlorobenzene	10.79	284	73408	34.49	ng	#	88
68) Atrazine	10.89	200	84989	42.24	ng		94
69) Pentachlorophenol	10.98	266	59773	47.45	ng		97
70) Phenanthrene	11.19	178	350253	33.58	ng		99
71) Anthracene	11.24	178	399718	38.54	ng		98
72) Carbazole	11.40	167	362934	37.18	ng		99
73) Di-n-butylphthalate	11.74	149	411925	36.28	ng		99
74) Fluoranthene	12.38	202	347296	32.85	ng		91
76) Benzidine	12.50	184	173938	31.21	ng		97
77) Pyrene	12.59	202	312871	33.47	ng		99
79) Butylbenzylphthalate	13.22	149	141614	33.96	ng	#	72
80) Benzo(a)anthracene	13.78	228	243370	34.28	ng		98
81) 3,3'-Dichlorobenzidine	13.75	252	82176	30.79	ng	#	97
82) Chrysene	13.82	228	235930	33.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.79	149	203512	42.75	ng	#	98
84) Di-n-octyl phthalate	14.40	149	327042	40.44	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.41	276	234176	43.34	ng	#	100
87) Benzo(b)fluoranthene	14.78	252	210529m	31.21	ng		
88) Benzo(k)fluoranthene	14.80	252	197393m	33.61	ng		
89) Benzo(a)pyrene	15.10	252	211208	36.98	ng	#	95
90) Dibenzo(a,h)anthracene	16.43	278	194574	40.80	ng	#	95
91) Benzo(g,h,i)perylene	16.80	276	194773	39.47	ng		94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089075.D
Acq On : 17 Jul 2016 13:41
Operator : UM/SJ
Sample : H4045-19MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M9-B3(0-12)CMSD

Quant Time: Jul 18 03:39:19 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