Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089616.D
Acq On : 5 Aug 2016 6:57
Operator : UM/SJ
Sample : H4288-22MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:58 PM

Quant Time: Aug 05 08:06:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	45383	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	192558	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	90383	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	170527	20.00	ng		0.00
75) Chrysene-d12	18.39	240	112454	20.00	ng		0.00
86) Perylene-d12	20.05	264	80556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	149333	55.15	ng		0.02
7) Phenol-d6	6.98	99	132369	36.04	ng		0.00
23) Nitrobenzene-d5	8.36	82	311626	89.51	ng		0.00
41) 2,4,6-Tribromophenol	13.60	330	101812	136.50	ng		0.01
44) 2-Fluorobiphenyl	11.26	172	593864	85.39	ng		0.00
78) Terphenyl-d14	17.05	244	477601	83.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	18341	11.82	ng	#	68
3) Pyridine	2.39	79	27295	9.57	ng		97
4) n-Nitrosodimethylamine	2.35	42	16703m	17.67	ng		
6) Aniline	6.95	93	72088	15.15	ng		98
8) 2-Chlorophenol	7.12	128	118063	35.52	ng		97
9) Benzaldehyde	6.75	77	49770	37.35	ng		96
10) Phenol	7.00	94	54167	14.36	ng	#	70
11) bis(2-Chloroethyl)ether	7.08	93	138429	42.73	ng		99
12) 1,3-Dichlorobenzene	7.35	146	121516	33.66	ng		98
13) 1,4-Dichlorobenzene	7.47	146	120946	33.59	ng		100
14) 1,2-Dichlorobenzene	7.70	146	126987	33.45	ng		98
15) Benzyl Alcohol	7.74	79	67444	28.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165221	40.05	ng	#	58
17) 2-Methylphenol	7.95	107	71909	29.95	ng	#	90
18) Hexachloroethane	8.23	117	47334	31.19	ng		95
19) n-Nitroso-di-n-propylamine	8.17	70	117418	44.25	ng		100
20) 3+4-Methylphenols	8.22	107	85490	28.21	ng		93
22) Acetophenone	8.12	105	170511	37.14	ng		96
24) Nitrobenzene	8.39	77	154769	46.81	ng		97
25) Isophorone	8.79	82	306549	45.99	ng		98
26) 2-Nitrophenol	8.89	139	66189	43.62	ng		99
27) 2,4-Dimethylphenol	9.04	122	107732	39.49	ng		95
28) bis(2-Chloroethoxy)methane	9.18	93	184748	45.81	ng		99
29) 2,4-Dichlorophenol	9.30	162	111815	43.31	ng		99
30) 1,2,4-Trichlorobenzene	9.40	180	112633	38.20	ng		99
31) Naphthalene	9.51	128	409986	40.06	ng		99
32) Benzoic acid	9.29	122	12192	7.11	ng		95
33) 4-Chloroaniline	9.66	127	70053	18.23	ng		99
34) Hexachlorobutadiene	9.72	225	56949	33.54	ng		99
35) Caprolactam	10.30	113	4916m	6.53	ng		
36) 4-Chloro-3-methylphenol	10.49	107	117592	39.19	ng		97
37) 2-Methylnaphthalene	10.63	142	269858	42.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	110107	32.41	ng		99
40) Hexachlorocyclopentadiene	10.89	237	75941	66.34	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089616.D
Acq On : 5 Aug 2016 6:57
Operator : UM/SJ
Sample : H4288-22MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:58 PM

Quant Time: Aug 05 08:06:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	74819	44.65	ng		97
43) 2,4,5-Trichlorophenol	11.20	196	81757	45.65	ng		99
45) 1,1'-Biphenyl	11.40	154	316544	38.84	ng		100
46) 2-Chloronaphthalene	11.42	162	267972	43.85	ng		98
47) 2-Nitroaniline	11.62	65	90065	45.72	ng		95
48) Acenaphthylene	12.07	152	435398	43.25	ng		100
49) Dimethylphthalate	11.96	163	343880	48.54	ng		99
50) 2,6-Dinitrotoluene	12.04	165	72224	51.28	ng	#	86
51) Acenaphthene	12.35	154	256669	44.14	ng		98
52) 3-Nitroaniline	12.31	138	39887	23.68	ng	#	89
53) 2,4-Dinitrophenol	12.50	184	56042	86.87	ng		96
54) Dibenzofuran	12.64	168	398436	49.85	ng		98
55) 4-Nitrophenol	12.71	139	22615m	24.57	ng		
56) 2,4-Dinitrotoluene	12.71	165	100497	50.73	ng	#	84
57) Fluorene	13.19	166	324713	47.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	61592	45.31	ng		97
59) Diethylphthalate	13.11	149	350009	47.77	ng		98
60) 4-Chlorophenyl-phenylether	13.22	204	144622	46.16	ng		95
61) 4-Nitroaniline	13.31	138	60615	40.02	ng		93
62) Azobenzene	13.49	77	380448	53.69	ng		99
64) 4,6-Dinitro-2-methylphenol	13.37	198	46407	44.87	ng		79
65) n-Nitrosodiphenylamine	13.44	169	268114	46.55	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	82832	50.22	ng		98
67) Hexachlorobenzene	14.07	284	82087	45.24	ng		99
68) Atrazine	14.37	200	84073	52.28	ng		99
69) Pentachlorophenol	14.42	266	73186	93.48	ng		98
70) Phenanthrene	14.73	178	445679	48.06	ng		99
71) Anthracene	14.82	178	470808	47.36	ng		99
72) Carbazole	15.11	167	413039	49.85	ng		100
73) Di-n-butylphthalate	15.70	149	568630	50.75	ng		100
74) Fluoranthene	16.49	202	440611	46.22	ng		99
77) Pyrene	16.80	202	445400	44.80	ng		99
79) Butylbenzylphthalate	17.73	149	215321	50.89	ng		97
80) Benzo(a)anthracene	18.38	228	304324	47.10	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	22519	11.06	ng	#	97
82) Chrysene	18.42	228	314301	46.37	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	291373	49.74	ng		100
84) Di-n-octyl phthalate	19.25	149	430512	51.07	ng		100
85) Indeno(1,2,3-cd)pyrene	21.22	276	247853	48.15	ng		100
87) Benzo(b)fluoranthene	19.65	252	230900	46.60	ng		99
88) Benzo(k)fluoranthene	19.67	252	244489m	48.91	ng		
89) Benzo(a)pyrene	19.99	252	215113	46.37	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	208680	48.16	ng		98
91) Benzo(g,h,i)perylene	21.57	276	211000	47.56	ng		94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089616.D
Acq On : 5 Aug 2016 6:57
Operator : UM/SJ
Sample : H4288-22MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 05 08:06:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
GW-64-9.0-15.0MS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:58 PM