Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087151.D
Acq On : 18 May 2016 18:49
Operator : UM/SJ
Sample : H3137-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BERKSHIRE-HOMESMS

Manual Integrations APPROVED
sohil
5/19/2016 7:06:01 PM

Quant Time: May 19 04:15:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	137303	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	561088	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	265812	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	516625	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	356198	20.00	ng		-0.03
86) Perylene-d12	15.06	264	314551	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1037833	127.05	ng		-0.02
7) Phenol-d6	6.25	99	1405370	128.28	ng		-0.03
23) Nitrobenzene-d5	7.15	82	976950	86.78	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	389274	132.53	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1286992	80.19	ng		-0.03
78) Terphenyl-d14	12.67	244	1219355	77.44	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	147777	35.17	ng	#	62
3) Pyridine	2.72	79	122653	12.07	ng	#	65
4) n-Nitrosodimethylamine	2.65	42	314146	43.61	ng	#	49
6) Aniline	6.25	93	405131	29.11	ng	#	85
8) 2-Chlorophenol	6.38	128	420509	42.31	ng		97
9) Benzaldehyde	6.12	77	131285	19.17	ng		99
10) Phenol	6.27	94	463434	33.65	ng		96
11) bis(2-Chloroethyl)ether	6.33	93	466822	45.14	ng		90
12) 1,3-Dichlorobenzene	6.51	146	419130m	39.67	ng		
13) 1,4-Dichlorobenzene	6.59	146	437547m	40.48	ng		
14) 1,2-Dichlorobenzene	6.75	146	393305	41.56	ng		97
15) Benzyl Alcohol	6.74	79	380540	46.66	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.88	45	866423	40.75	ng		70
17) 2-Methylphenol	6.88	107	336459	41.22	ng	#	80
18) Hexachloroethane	7.08	117	172366	41.71	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	359860	43.21	ng	#	72
20) 3+4-Methylphenols	7.03	107	479424	44.53	ng	#	60
22) Acetophenone	7.00	105	616163	44.87	ng	#	99
24) Nitrobenzene	7.18	77	497088	40.44	ng		98
25) Isophorone	7.42	82	876985	42.55	ng		98
26) 2-Nitrophenol	7.50	139	241016	47.33	ng	#	87
27) 2,4-Dimethylphenol	7.55	122	388462	44.70	ng		88
28) bis(2-Chloroethoxy)methane	7.63	93	515790	45.59	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	355551	46.43	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	380738	44.81	ng		98
31) Naphthalene	7.88	128	1182963	43.15	ng		99
32) Benzoic acid	7.70	122	129894	25.08	ng	#	80
33) 4-Chloroaniline	7.95	127	330898	29.04	ng	#	91
34) Hexachlorobutadiene	8.01	225	220578	45.74	ng		99
35) Caprolactam	8.34	113	112209m	44.01	ng		
36) 4-Chloro-3-methylphenol	8.47	107	407201	44.08	ng		99
37) 2-Methylnaphthalene	8.58	142	788099	44.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	341560	43.99	ng		99
40) Hexachlorocyclopentadiene	8.73	237	237390	79.26	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087151.D
Acq On : 18 May 2016 18:49
Operator : UM/SJ
Sample : H3137-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Manual Integrations APPROVED
sohil
5/19/2016 7:06:01 PM

Quant Time: May 19 04:15:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	218502	43.40	ng		91
43) 2,4,5-Trichlorophenol	8.92	196	231800	44.32	ng		95
45) 1,1'-Biphenyl	9.05	154	1015178	46.06	ng		98
46) 2-Chloronaphthalene	9.07	162	757343	44.76	ng		100
47) 2-Nitroaniline	9.18	65	268705	41.44	ng	#	72
48) Acenaphthylene	9.48	152	1119278	43.32	ng		99
49) Dimethylphthalate	9.36	163	1044776	51.52	ng		99
50) 2,6-Dinitrotoluene	9.43	165	210427	47.79	ng		96
51) Acenaphthene	9.64	154	677238	41.96	ng		98
52) 3-Nitroaniline	9.60	138	168130	35.27	ng		96
53) 2,4-Dinitrophenol	9.71	184	170253	68.23	ng		87
54) Dibenzofuran	9.83	168	996480	47.74	ng		98
55) 4-Nitrophenol	9.79	139	240073m	72.71	ng		
56) 2,4-Dinitrotoluene	9.83	165	224619	39.83	ng	#	73
57) Fluorene	10.16	166	716000	42.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	207066	50.83	ng		97
59) Diethylphthalate	10.06	149	860958	44.48	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	354993	44.66	ng		93
61) 4-Nitroaniline	10.22	138	208053	44.21	ng		86
62) Azobenzene	10.32	77	1072235	48.07	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	138295	40.65	ng	#	62
65) n-Nitrosodiphenylamine	10.28	169	689865	42.43	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	222291	41.84	ng	#	87
67) Hexachlorobenzene	10.71	284	253412	41.14	ng	#	82
68) Atrazine	10.82	200	250237	47.18	ng		93
69) Pentachlorophenol	10.91	266	216681	93.64	ng		97
70) Phenanthrene	11.12	178	1212252	43.26	ng		100
71) Anthracene	11.16	178	1130509	39.89	ng		100
72) Carbazole	11.34	167	1159096	44.77	ng		99
73) Di-n-butylphthalate	11.67	149	1334054	44.86	ng	#	99
74) Fluoranthene	12.30	202	1129416	40.23	ng		98
76) Benzidine	12.43	184	62471	5.62	ng		96
77) Pyrene	12.53	202	1251702	48.64	ng		99
79) Butylbenzylphthalate	13.15	149	586213	53.96	ng	#	82
80) Benzo(a)anthracene	13.70	228	924702	44.90	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	241657	18.44	ng	#	96
82) Chrysene	13.75	228	990524	49.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	709923	53.70	ng		98
84) Di-n-octyl phthalate	14.32	149	1163083	51.07	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.31	276	774686	44.29	ng		95
87) Benzo(b)fluoranthene	14.71	252	862909m	41.35	ng		
88) Benzo(k)fluoranthene	14.73	252	709419m	45.66	ng		
89) Benzo(a)pyrene	15.02	252	738711	42.35	ng		99
90) Dibenzo(a,h)anthracene	16.31	278	648039	44.13	ng		97
91) Benzo(g,h,i)perylene	16.67	276	667757	45.02	ng	#	89

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087151.D
Acq On : 18 May 2016 18:49
Operator : UM/SJ
Sample : H3137-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 19 04:15:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESMS

Manual Integrations APPROVED
sohil
5/19/2016 7:06:01 PM