Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089345.D
Acq On : 28 Jul 2016 4:32
Operator : UM/SJ
Sample : H4205-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Manual Integrations
APPROVED
sohil
7/28/2016 5:03:36 PM

Quant Time: Jul 28 13:22:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	47479	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	208701	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	98396	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	188796	20.00	ng		0.00
75) Chrysene-d12	13.67	240	136972	20.00	ng		0.00
86) Perylene-d12	15.01	264	101141	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	297939	100.20	ng		0.01
7) Phenol-d6	6.20	99	389280	99.06	ng		0.00
23) Nitrobenzene-d5	7.12	82	252158	71.32	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	84473	103.66	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	463795	69.17	ng		0.00
78) Terphenyl-d14	12.63	244	403325	68.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	40079	28.76	ng	#	94
3) Pyridine	2.60	79	94791	32.58	ng		99
4) n-Nitrosodimethylamine	2.58	42	41145	36.55	ng		97
6) Aniline	6.20	93	169590	39.97	ng		98
8) 2-Chlorophenol	6.33	128	134518	39.99	ng		97
9) Benzaldehyde	6.09	77	66883	34.86	ng		99
10) Phenol	6.22	94	171387	39.52	ng		89
11) bis(2-Chloroethyl)ether	6.30	93	130128	35.32	ng		98
12) 1,3-Dichlorobenzene	6.48	146	126013	35.82	ng		100
13) 1,4-Dichlorobenzene	6.56	146	138150	35.58	ng		99
14) 1,2-Dichlorobenzene	6.72	146	128375	35.29	ng		98
15) Benzyl Alcohol	6.71	79	105300	43.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	143101	35.61	ng		82
17) 2-Methylphenol	6.83	107	98095	37.73	ng		94
18) Hexachloroethane	7.05	117	52147	35.03	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	93997	39.67	ng		100
20) 3+4-Methylphenols	6.98	107	130096	38.97	ng		98
22) Acetophenone	6.97	105	166975	33.61	ng	#	98
24) Nitrobenzene	7.14	77	131508	32.68	ng		99
25) Isophorone	7.38	82	273473	38.40	ng		100
26) 2-Nitrophenol	7.46	139	64675	35.95	ng		99
27) 2,4-Dimethylphenol	7.51	122	107096	37.37	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	159974	40.58	ng		99
29) 2,4-Dichlorophenol	7.70	162	109170	41.80	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	108785	36.51	ng		100
31) Naphthalene	7.85	128	369826m	35.78	ng		
32) Benzoic acid	7.63	122	7661m	3.84	ng		
33) 4-Chloroaniline	7.92	127	131521	33.43	ng		100
34) Hexachlorobutadiene	7.98	225	60958	35.72	ng		98
35) Caprolactam	8.28	113	29699m	37.68	ng		
36) 4-Chloro-3-methylphenol	8.41	107	123226	39.70	ng		96
37) 2-Methylnaphthalene	8.55	142	236920	38.05	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	92749	26.94	ng		99
40) Hexachlorocyclopentadiene	8.70	237	71093	73.27	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089345.D
Acq On : 28 Jul 2016 4:32
Operator : UM/SJ
Sample : H4205-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Manual Integrations
APPROVED
sohil
7/28/2016 5:03:36 PM

Quant Time: Jul 28 13:22:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	62284	38.05	ng		96
43) 2,4,5-Trichlorophenol	8.88	196	76479	36.88	ng		98
45) 1,1'-Biphenyl	9.00	154	253570	30.27	ng		99
46) 2-Chloronaphthalene	9.03	162	231351	36.77	ng		100
47) 2-Nitroaniline	9.14	65	73568	39.48	ng		97
48) Acenaphthylene	9.44	152	372339	37.57	ng		100
49) Dimethylphthalate	9.32	163	396819	52.99	ng		100
50) 2,6-Dinitrotoluene	9.38	165	61782	40.15	ng	#	84
51) Acenaphthene	9.61	154	222758	38.49	ng		99
52) 3-Nitroaniline	9.55	138	59739	36.79	ng		97
53) 2,4-Dinitrophenol	9.68	184	9286	23.44	ng		91
54) Dibenzofuran	9.78	168	329425	41.77	ng		99
55) 4-Nitrophenol	9.74	139	59701	75.84	ng		93
56) 2,4-Dinitrotoluene	9.78	165	77420	38.22	ng	#	79
57) Fluorene	10.12	166	266374	38.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	61945	44.74	ng		96
59) Diethylphthalate	10.02	149	282958	37.27	ng	#	94
60) 4-Chlorophenyl-phenylether	10.12	204	111766	35.40	ng		98
61) 4-Nitroaniline	10.17	138	66268	39.59	ng		88
62) Azobenzene	10.28	77	306017	39.14	ng		84
64) 4,6-Dinitro-2-methylphenol	10.19	198	34150	31.60	ng		84
65) n-Nitrosodiphenylamine	10.24	169	221362	37.58	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	70225	38.96	ng		95
67) Hexachlorobenzene	10.66	284	62507	33.84	ng		94
68) Atrazine	10.78	200	71029	39.25	ng		98
69) Pentachlorophenol	10.87	266	59204	67.20	ng		99
70) Phenanthrene	11.07	178	374772	38.49	ng		99
71) Anthracene	11.13	178	383737	35.45	ng		99
72) Carbazole	11.29	167	348249	38.21	ng		99
73) Di-n-butylphthalate	11.62	149	419397	34.30	ng		100
74) Fluoranthene	12.25	202	386647	37.75	ng		99
76) Benzidine	12.39	184	246604	48.73	ng		96
77) Pyrene	12.47	202	370916	35.73	ng		99
79) Butylbenzylphthalate	13.11	149	183460	38.87	ng		99
80) Benzo(a)anthracene	13.66	228	270260	34.96	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	86948	31.26	ng		98
82) Chrysene	13.69	228	271023	32.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	234852	34.42	ng		99
84) Di-n-octyl phthalate	14.27	149	371791	34.92	ng		100
85) Indeno(1,2,3-cd)pyrene	16.21	276	197768	33.81	ng		99
87) Benzo(b)fluoranthene	14.65	252	209391m	33.34	ng		
88) Benzo(k)fluoranthene	14.67	252	231495m	40.09	ng		
89) Benzo(a)pyrene	14.95	252	204284	36.26	ng		97
90) Dibenzo(a,h)anthracene	16.22	278	165604	37.31	ng		95
91) Benzo(g,h,i)perylene	16.56	276	167144	38.31	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
Data File : BF089345.D
Acq On : 28 Jul 2016 4:32
Operator : UM/SJ
Sample : H4205-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 28 13:22:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MSD

Manual Integrations
APPROVED
sohil
7/28/2016 5:03:36 PM