Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089936.D
Acq On : 31 Aug 2016 5:57
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:17 AM

Quant Time: Aug 31 11:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190896	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	777081	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	409352	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	820472	20.00	ng	0.00
75) Chrysene-d12	13.76	240	605023	20.00	ng	0.00
86) Perylene-d12	15.10	264	566147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	992554	83.22	ng	0.00
7) Phenol-d6	6.28	99	1193486	82.36	ng	0.01
23) Nitrobenzene-d5	7.21	82	1037672	77.44	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	347896	86.14	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1910284	76.60	ng	0.00
78) Terphenyl-d14	12.72	244	1770903	72.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	215395	38.12	ng	99
3) Pyridine	2.72	79	615251	40.81	ng	98
4) n-Nitrosodimethylamine	2.68	42	312263	42.00	ng	100
6) Aniline	6.30	93	743439	37.60	ng	93
8) 2-Chlorophenol	6.42	128	533333	41.22	ng	99
9) Benzaldehyde	6.18	77	373543	39.95	ng	97
10) Phenol	6.30	94	692205	41.08	ng	94
11) bis(2-Chloroethyl)ether	6.38	93	485893	38.10	ng	99
12) 1,3-Dichlorobenzene	6.58	146	569907	39.44	ng	98
13) 1,4-Dichlorobenzene	6.65	146	566183	38.29	ng	99
14) 1,2-Dichlorobenzene	6.81	146	554930	41.87	ng	99
15) Benzyl Alcohol	6.79	79	356905	39.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1035869	42.60	ng	99
17) 2-Methylphenol	6.90	107	423720	41.01	ng	99
18) Hexachloroethane	7.15	117	203934	40.27	ng	99
19) n-Nitroso-di-n-propylamine	7.07	70	397259	42.07	ng	97
20) 3+4-Methylphenols	7.06	107	442607	35.34	ng	94
22) Acetophenone	7.06	105	691196	39.65	ng	99
24) Nitrobenzene	7.22	77	528466	37.10	ng	100
25) Isophorone	7.47	82	1064087	39.05	ng	99
26) 2-Nitrophenol	7.54	139	269201	39.53	ng	99
27) 2,4-Dimethylphenol	7.59	122	485635	38.55	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	687762	41.85	ng	100
29) 2,4-Dichlorophenol	7.78	162	421932	37.36	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	498477	40.38	ng	99
31) Naphthalene	7.94	128	1379299	35.63	ng	100
32) Benzoic acid	7.74	122	373757	44.05	ng	89
33) 4-Chloroaniline	8.00	127	634889	40.65	ng	100
34) Hexachlorobutadiene	8.07	225	276521	38.22	ng	98
35) Caprolactam	8.38	113	137151	38.48	ng	92
36) 4-Chloro-3-methylphenol	8.49	107	500245	41.83	ng	98
37) 2-Methylnaphthalene	8.64	142	1040020	40.65	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	428872	35.76	ng	100
40) Hexachlorocyclopentadiene	8.79	237	257748	41.92	ng	93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089936.D
Acq On : 31 Aug 2016 5:57
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:17 AM

Quant Time: Aug 31 11:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	358618	43.15	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	304782	38.14	ng		98
45) 1,1'-Biphenyl	9.10	154	1197671	36.34	ng		100
46) 2-Chloronaphthalene	9.12	162	898196	38.52	ng		99
47) 2-Nitroaniline	9.21	65	312485	41.00	ng		99
48) Acenaphthylene	9.53	152	1460563	37.89	ng		100
49) Dimethylphthalate	9.40	163	1145331	38.71	ng		100
50) 2,6-Dinitrotoluene	9.46	165	252428	38.36	ng		95
51) Acenaphthene	9.70	154	916889	37.54	ng		100
52) 3-Nitroaniline	9.63	138	319553	42.58	ng	#	67
53) 2,4-Dinitrophenol	9.72	184	131061	40.26	ng		97
54) Dibenzofuran	9.87	168	1278772	39.07	ng		99
55) 4-Nitrophenol	9.79	139	268335m	47.40	ng		
56) 2,4-Dinitrotoluene	9.86	165	361671	43.34	ng		91
57) Fluorene	10.22	166	1015361	42.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	262471	38.36	ng		100
59) Diethylphthalate	10.10	149	1089602	39.15	ng		100
60) 4-Chlorophenyl-phenylether	10.22	204	467184	41.51	ng		98
61) 4-Nitroaniline	10.24	138	322755	43.77	ng		92
62) Azobenzene	10.36	77	1078557	38.79	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	190962	36.35	ng		93
65) n-Nitrosodiphenylamine	10.33	169	884907	35.87	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	312389	37.82	ng		97
67) Hexachlorobenzene	10.75	284	344710	36.54	ng		99
68) Atrazine	10.87	200	336982	40.92	ng		91
69) Pentachlorophenol	10.95	266	224581	44.24	ng		98
70) Phenanthrene	11.16	178	1560445	38.19	ng		99
71) Anthracene	11.21	178	1497573	36.14	ng		100
72) Carbazole	11.37	167	1427552	36.74	ng		99
73) Di-n-butylphthalate	11.71	149	1805498	39.87	ng		100
74) Fluoranthene	12.34	202	1757054	41.03	ng		99
76) Benzidine	12.47	184	941481	41.08	ng		98
77) Pyrene	12.56	202	1617168	37.91	ng		100
79) Butylbenzylphthalate	13.20	149	701504	40.78	ng		100
80) Benzo(a)anthracene	13.75	228	1454373	39.25	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	533407	39.88	ng		100
82) Chrysene	13.78	228	1355749	39.17	ng		100
83) Bis(2-ethylhexyl)phthalate	13.76	149	968247	40.69	ng	#	94
84) Di-n-octyl phthalate	14.38	149	1759203	45.81	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1113203	43.50	ng		100
87) Benzo(b)fluoranthene	14.74	252	1572408m	44.33	ng		
88) Benzo(k)fluoranthene	14.77	252	981447m	32.61	ng		
89) Benzo(a)pyrene	15.05	252	1229499	40.46	ng		99
90) Dibenzo(a,h)anthracene	16.34	278	903698	40.59	ng		98
91) Benzo(g,h,i)perylene	16.70	276	894329	39.91	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089936.D
Acq On : 31 Aug 2016 5:57
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 31 11:57:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF083116

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:17 AM