Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084171.D
Acq On : 31 Dec 2015 2:44
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF123015

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:34 PM

Quant Time: Dec 31 06:16:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	312183	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1299176	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	598749	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1071327	20.00	ng		0.00
75) Chrysene-d12	14.07	240	799016	20.00	ng		0.00
86) Perylene-d12	15.51	264	589249	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1628003	83.63	ng		0.00
7) Phenol-d6	6.52	99	1856125	73.66	ng		0.00
23) Nitrobenzene-d5	7.47	82	1927955	87.69	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	445317	74.51	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2677884	73.92	ng		0.00
78) Terphenyl-d14	13.01	244	2430272	71.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	365734	39.19	ng		98
3) Pyridine	3.25	79	1041949	40.66	ng		98
4) n-Nitrosodimethylamine	3.21	42	530139	41.61	ng		94
6) Aniline	6.57	93	1421111	39.47	ng		98
8) 2-Chlorophenol	6.68	128	869190	39.23	ng		98
9) Benzaldehyde	6.44	77	585309	37.17	ng		99
10) Phenol	6.53	94	1026024	34.35	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	833704	38.79	ng		99
12) 1,3-Dichlorobenzene	6.84	146	895201	39.11	ng		98
13) 1,4-Dichlorobenzene	6.92	146	934703	40.87	ng		99
14) 1,2-Dichlorobenzene	7.07	146	798914	40.06	ng		98
15) Benzyl Alcohol	7.05	79	835515	39.73	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1527180	38.31	ng		99
17) 2-Methylphenol	7.15	107	729658	39.60	ng		98
18) Hexachloroethane	7.42	117	367126	40.70	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	663011	39.97	ng		97
20) 3+4-Methylphenols	7.31	107	932629	41.91	ng		93
22) Acetophenone	7.31	105	1148888	36.26	ng		95
24) Nitrobenzene	7.48	77	842622	37.21	ng		97
25) Isophorone	7.73	82	1768996	39.51	ng		99
26) 2-Nitrophenol	7.80	139	429996	43.67	ng		99
27) 2,4-Dimethylphenol	7.84	122	791002m	37.62	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	1031535	38.01	ng		98
29) 2,4-Dichlorophenol	8.04	162	732400	40.91	ng		100
30) 1,2,4-Trichlorobenzene	8.13	180	781121	41.16	ng		99
31) Naphthalene	8.21	128	2463882	41.52	ng		99
32) Benzoic acid	7.95	122	639369m	40.91	ng		
33) 4-Chloroaniline	8.26	127	1153206	42.55	ng		99
34) Hexachlorobutadiene	8.34	225	426210	39.40	ng		98
35) Caprolactam	8.64	113	255695	41.22	ng	#	80
36) 4-Chloro-3-methylphenol	8.74	107	823937	40.16	ng		96
37) 2-Methylnaphthalene	8.90	142	1505623	35.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	732442	43.11	ng		99
40) Hexachlorocyclopentadiene	9.06	237	455058	42.26	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084171.D
Acq On : 31 Dec 2015 2:44
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF123015

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:34 PM

Quant Time: Dec 31 06:16:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	475616	37.80	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	475694	37.93	ng		98
45) 1,1'-Biphenyl	9.37	154	1918066	40.53	ng		99
46) 2-Chloronaphthalene	9.39	162	1410777	38.48	ng		98
47) 2-Nitroaniline	9.48	65	508896	44.53	ng		96
48) Acenaphthylene	9.80	152	2228554	36.25	ng		100
49) Dimethylphthalate	9.68	163	1730258	40.23	ng		100
50) 2,6-Dinitrotoluene	9.72	165	366261	37.72	ng	#	23
51) Acenaphthene	9.97	154	1526924	39.34	ng		100
52) 3-Nitroaniline	9.89	138	443265	41.27	ng		100
53) 2,4-Dinitrophenol	10.00	184	184231	55.10	ng		90
54) Dibenzofuran	10.14	168	2003483	37.47	ng	#	89
55) 4-Nitrophenol	10.04	139	390303	47.12	ng		97
56) 2,4-Dinitrotoluene	10.12	165	489901	40.14	ng	#	26
57) Fluorene	10.49	166	1439857	36.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	410259	37.57	ng		98
59) Diethylphthalate	10.37	149	1768111	43.78	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	731201	44.06	ng		97
61) 4-Nitroaniline	10.50	138	436126	43.47	ng		88
62) Azobenzene	10.65	77	1996779	42.37	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	260157	55.98	ng		86
65) n-Nitrosodiphenylamine	10.60	169	1298694	38.24	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	501625	43.63	ng		94
67) Hexachlorobenzene	11.04	284	473634	37.96	ng		96
68) Atrazine	11.13	200	406552	36.26	ng		99
69) Pentachlorophenol	11.23	266	330922	43.52	ng		97
70) Phenanthrene	11.45	178	2246354	37.15	ng		99
71) Anthracene	11.50	178	2365158	42.68	ng		100
72) Carbazole	11.65	167	1954319	37.06	ng		99
73) Di-n-butylphthalate	12.00	149	2600022	44.24	ng		99
74) Fluoranthene	12.64	202	2200064	41.99	ng		99
76) Benzidine	12.76	184	1221784	39.10	ng		99
77) Pyrene	12.87	202	2252768	37.29	ng		100
79) Butylbenzylphthalate	13.49	149	1115336	42.45	ng		92
80) Benzo(a)anthracene	14.05	228	1875351	40.66	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	712390	40.92	ng		99
82) Chrysene	14.09	228	1456612	34.27	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1263353	39.44	ng		100
84) Di-n-octyl phthalate	14.67	149	2063242	39.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	1369172	38.75	ng		99
87) Benzo(b)fluoranthene	15.08	252	1700575m	44.26	ng		
88) Benzo(k)fluoranthene	15.12	252	1099150m	34.29	ng		
89) Benzo(a)pyrene	15.44	252	1319945	39.97	ng		100
90) Dibenzo(a,h)anthracene	16.95	278	1119064	41.57	ng		99
91) Benzo(g,h,i)perylene	17.35	276	1136229	40.80	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084171.D
Acq On : 31 Dec 2015 2:44
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 31 06:16:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 04:29:55 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF123015

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:34 PM