Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078853.D
Acq On : 30 Apr 2015 17:01
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
apatel
5/1/2015 4:43:25 PM

Quant Time: Apr 30 18:09:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 17:23:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	83655	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	350341	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	168754	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	319529	20.00	ng		0.00
75) Chrysene-d12	16.31	240	351156	20.00	ng		0.01
86) Perylene-d12	18.17	264	340688	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	377963	82.98	ng		0.00
7) Phenol-d6	6.91	99	480039	78.91	ng		-0.01
23) Nitrobenzene-d5	8.06	82	464939	95.55	ng		-0.01
41) 2,4,6-Tribromophenol	12.10	330	145640	99.25	ng		-0.01
44) 2-Fluorobiphenyl	10.30	172	926619	75.19	ng		0.00
78) Terphenyl-d14	14.97	244	1096404	74.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	83936	40.17	ng	#	19
3) Pyridine	3.11	79	232884	37.74	ng		100
4) n-Nitrosodimethylamine	3.03	42	102964	37.14	ng		92
6) Aniline	6.96	93	356283	40.10	ng		97
8) 2-Chlorophenol	7.10	128	203727	38.91	ng		93
9) Benzaldehyde	6.82	77	166401	37.90	ng		97
10) Phenol	6.94	94	291718	40.57	ng		94
11) bis(2-Chloroethyl)ether	7.06	93	200767	37.76	ng		88
12) 1,3-Dichlorobenzene	7.30	146	230193	37.87	ng	#	89
13) 1,4-Dichlorobenzene	7.39	146	240365	38.62	ng		98
14) 1,2-Dichlorobenzene	7.58	146	226367	38.93	ng		99
15) Benzyl Alcohol	7.54	79	179705	39.64	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.72	45	312062	37.54	ng		99
17) 2-Methylphenol	7.69	107	167159	39.44	ng		95
18) Hexachloroethane	8.00	117	85767	41.72	ng		95
19) n-Nitroso-di-n-propylamine	7.88	70	172769	40.70	ng	#	89
20) 3+4-Methylphenols	7.87	107	229148	41.50	ng		93
22) Acetophenone	7.87	105	294931	38.00	ng	#	93
24) Nitrobenzene	8.08	77	222387	42.68	ng		94
25) Isophorone	8.39	82	434188	39.47	ng	#	91
26) 2-Nitrophenol	8.48	139	100587	73.13	ng		93
27) 2,4-Dimethylphenol	8.54	122	196002	40.17	ng		94
28) bis(2-Chloroethoxy)methane	8.66	93	274486	40.41	ng		99
29) 2,4-Dichlorophenol	8.76	162	171008	41.00	ng		93
30) 1,2,4-Trichlorobenzene	8.88	180	186106	38.85	ng		96
31) Naphthalene	8.97	128	625681	37.63	ng		99
32) Benzoic acid	8.63	122	119748	80.86	ng		96
33) 4-Chloroaniline	9.04	127	263059	37.59	ng		95
34) Hexachlorobutadiene	9.13	225	105037	38.86	ng		98
35) Caprolactam	9.47	113	56324	42.41	ng		97
36) 4-Chloro-3-methylphenol	9.64	107	191373	43.70	ng		90
37) 2-Methylnaphthalene	9.84	142	443514	39.65	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	176775	36.97	ng	#	100
40) Hexachlorocyclopentadiene	10.03	237	92214	45.88	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078853.D
Acq On : 30 Apr 2015 17:01
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
apatel
5/1/2015 4:43:25 PM

Quant Time: Apr 30 18:09:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 17:23:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	127998	43.93	ng		96
43) 2,4,5-Trichlorophenol	10.23	196	128393	41.41	ng	#	88
45) 1,1'-Biphenyl	10.42	154	498348	36.80	ng		96
46) 2-Chloronaphthalene	10.43	162	384755	36.35	ng		97
47) 2-Nitroaniline	10.56	65	119543	51.71	ng		88
48) Acenaphthylene	10.95	152	645005	37.24	ng		99
49) Dimethylphthalate	10.80	163	454311	37.87	ng		99
50) 2,6-Dinitrotoluene	10.88	165	94542	48.37	ng	#	63
51) Acenaphthene	11.16	154	391918	38.53	ng		99
52) 3-Nitroaniline	11.07	138	117313	46.26	ng	#	82
53) 2,4-Dinitrophenol	11.20	184	27524	101.41	ng	#	66
54) Dibenzofuran	11.38	168	562581	37.70	ng		99
55) 4-Nitrophenol	11.27	139	92028	52.93	ng	#	67
56) 2,4-Dinitrotoluene	11.37	165	130456	57.85	ng	#	67
57) Fluorene	11.81	166	450457	37.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.53	232	106120	45.70	ng	#	100
59) Diethylphthalate	11.68	149	462362	38.73	ng		98
60) 4-Chlorophenyl-phenylether	11.82	204	204713	38.57	ng		94
61) 4-Nitroaniline	11.83	138	121307	47.04	ng		95
62) Azobenzene	12.01	77	468565	38.49	ng		96
64) 4,6-Dinitro-2-methylphenol	11.87	198	49795	98.63	ng	#	58
65) n-Nitrosodiphenylamine	11.97	169	416557	40.32	ng		99
66) 4-Bromophenyl-phenylether	12.42	248	124136	38.49	ng	#	90
67) Hexachlorobenzene	12.48	284	140868	38.56	ng	#	89
68) Atrazine	12.63	200	115770	41.84	ng		98
69) Pentachlorophenol	12.73	266	75784	49.82	ng		98
70) Phenanthrene	13.01	178	684282	39.55	ng		100
71) Anthracene	13.06	178	665625	39.35	ng		99
72) Carbazole	13.27	167	640717	40.11	ng		99
73) Di-n-butylphthalate	13.73	149	796714	43.06	ng	#	97
74) Fluoranthene	14.48	202	714908	41.44	ng		99
76) Benzidine	14.66	184	388205	34.15	ng		98
77) Pyrene	14.77	202	758572	36.97	ng		99
79) Butylbenzylphthalate	15.60	149	359221	45.66	ng	#	89
80) Benzo(a)anthracene	16.30	228	728362	38.66	ng		99
81) 3,3'-Dichlorobenzidine	16.27	252	270059	42.11	ng		99
82) Chrysene	16.34	228	677612	36.90	ng		100
83) Bis(2-ethylhexyl)phthalate	16.35	149	544292	43.10	ng		99
84) Di-n-octyl phthalate	17.20	149	897393	48.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.70	276	893252	42.87	ng	#	100
87) Benzo(b)fluoranthene	17.68	252	726723	39.41	ng		99
88) Benzo(k)fluoranthene	17.73	252	706214m	39.52	ng		
89) Benzo(a)pyrene	18.10	252	666548	40.40	ng		98
90) Dibenzo(a,h)anthracene	19.74	278	711942	41.66	ng		99
91) Benzo(g,h,i)perylene	20.16	276	704162	41.05	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078853.D
Acq On : 30 Apr 2015 17:01
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 18:09:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 17:23:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
apatel
5/1/2015 4:43:25 PM