Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093288.D
Acq On : 1 Mar 2017 14:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:25 PM

Quant Time: Mar 02 00:09:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171933	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	706506	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	315477	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	563559	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	455420	20.00	ng		-0.03
86) Perylene-d12	15.40	264	407257	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	812670	81.09	ng		-0.05
7) Phenol-d6	6.46	99	1016526	78.83	ng		-0.02
23) Nitrobenzene-d5	7.39	82	1049244	82.70	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	194043	85.04	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1460354	83.86	ng		-0.05
78) Terphenyl-d14	12.92	244	1489608	76.85	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	202818	37.45	ng	#	84
3) Pyridine	3.05	79	608700	44.21	ng		88
4) n-Nitrosodimethylamine	3.01	42	285104	44.10	ng		87
6) Aniline	6.48	93	680040	38.66	ng		89
8) 2-Chlorophenol	6.60	128	457992	41.42	ng		92
9) Benzaldehyde	6.35	77	329400	35.66	ng		88
10) Phenol	6.48	94	617466	40.93	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	491835	40.84	ng		91
12) 1,3-Dichlorobenzene	6.75	146	527150	40.71	ng		97
13) 1,4-Dichlorobenzene	6.83	146	528467	40.32	ng		93
14) 1,2-Dichlorobenzene	6.98	146	472862	37.73	ng		98
15) Benzyl Alcohol	6.97	79	364390	38.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	834113	39.87	ng		75
17) 2-Methylphenol	7.08	107	372170	39.24	ng	#	93
18) Hexachloroethane	7.32	117	186572	41.70	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	325771	39.69	ng		91
20) 3+4-Methylphenols	7.24	107	502862	44.34	ng	#	77
22) Acetophenone	7.23	105	642149	39.81	ng	#	97
24) Nitrobenzene	7.40	77	520874	39.98	ng		98
25) Isophorone	7.64	82	959634	40.59	ng		95
26) 2-Nitrophenol	7.72	139	269899	43.58	ng		93
27) 2,4-Dimethylphenol	7.77	122	442825	40.72	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	611685	39.07	ng		98
29) 2,4-Dichlorophenol	7.97	162	383920	37.85	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	402381	36.81	ng		97
31) Naphthalene	8.12	128	1394731	38.94	ng		99
32) Benzoic acid	7.92	122	201875	35.04	ng		97
33) 4-Chloroaniline	8.18	127	582051	41.44	ng		99
34) Hexachlorobutadiene	8.24	225	221042	36.76	ng		98
35) Caprolactam	8.56	113	125520	39.34	ng	#	26
36) 4-Chloro-3-methylphenol	8.67	107	399765	37.80	ng		98
37) 2-Methylnaphthalene	8.81	142	803783	34.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	399747	45.14	ng		99
40) Hexachlorocyclopentadiene	8.96	237	133276	33.36	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093288.D
Acq On : 1 Mar 2017 14:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:25 PM

Quant Time: Mar 02 00:09:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	246766	42.41	ng		91
43) 2,4,5-Trichlorophenol	9.14	196	268667	42.14	ng		95
45) 1,1'-Biphenyl	9.28	154	1037011	45.40	ng		99
46) 2-Chloronaphthalene	9.30	162	783033	43.82	ng		97
47) 2-Nitroaniline	9.40	65	254381	42.34	ng		96
48) Acenaphthylene	9.71	152	1160096	37.58	ng		99
49) Dimethylphthalate	9.57	163	888594	41.82	ng		98
50) 2,6-Dinitrotoluene	9.65	165	209726	45.70	ng	#	72
51) Acenaphthene	9.88	154	674173	36.53	ng		96
52) 3-Nitroaniline	9.81	138	237569	45.24	ng		95
53) 2,4-Dinitrophenol	9.94	184	103913	46.61	ng	#	88
54) Dibenzofuran	10.05	168	896987	36.33	ng		96
55) 4-Nitrophenol	10.01	139	124508	32.92	ng	#	72
56) 2,4-Dinitrotoluene	10.05	165	218636	35.79	ng	#	79
57) Fluorene	10.40	166	778535	40.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	161132	37.89	ng		98
59) Diethylphthalate	10.27	149	798527	39.88	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	349546	38.31	ng		94
61) 4-Nitroaniline	10.43	138	221274	41.14	ng		93
62) Azobenzene	10.54	77	876439	42.36	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	141647	41.67	ng		94
65) n-Nitrosodiphenylamine	10.51	169	686972	38.16	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	219996	37.36	ng		97
67) Hexachlorobenzene	10.94	284	207342	35.64	ng	#	77
68) Atrazine	11.05	200	241916	41.87	ng		93
69) Pentachlorophenol	11.15	266	93188	35.43	ng		98
70) Phenanthrene	11.36	178	1137601	35.23	ng		99
71) Anthracene	11.41	178	1307067	40.31	ng		99
72) Carbazole	11.57	167	1231599	39.74	ng		99
73) Di-n-butylphthalate	11.89	149	1320006	39.38	ng	#	97
74) Fluoranthene	12.55	202	1201972	36.09	ng		97
76) Benzidine	12.67	184	725807	37.40	ng		97
77) Pyrene	12.77	202	1273625	37.37	ng		100
79) Butylbenzylphthalate	13.39	149	594330	42.94	ng		91
80) Benzo(a)anthracene	13.96	228	1109233	39.82	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	383970	38.67	ng		98
82) Chrysene	14.01	228	1084354	41.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	832452	43.98	ng	#	94
84) Di-n-octyl phthalate	14.56	149	1333519	43.27	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	823663	40.77	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1137292m	42.43	ng		
88) Benzo(k)fluoranthene	15.03	252	777196m	33.58	ng		
89) Benzo(a)pyrene	15.35	252	898754	38.76	ng		97
90) Dibenzo(a,h)anthracene	16.81	278	707646	37.76	ng		96
91) Benzo(g,h,i)perylene	17.22	276	709243	37.46	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093288.D
Acq On : 1 Mar 2017 14:27
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 02 00:09:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:25 PM