Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085498.D
Acq On : 17 Mar 2016 18:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:03 AM

Quant Time: Mar 18 02:15:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147173	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	573048	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	273936	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	509418	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	368176	20.00	ng		-0.05
86) Perylene-d12	15.48	264	297800	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	752232	87.86	ng		-0.03
7) Phenol-d6	6.50	99	931947	83.91	ng		-0.05
23) Nitrobenzene-d5	7.44	82	792186	81.74	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	212220	84.11	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1412713	89.47	ng		-0.03
78) Terphenyl-d14	12.99	244	1151956	70.78	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	175385	41.05	ng		98
3) Pyridine	3.24	79	392309	38.68	ng		97
4) n-Nitrosodimethylamine	3.18	42	173537	37.05	ng		99
6) Aniline	6.54	93	599507	39.10	ng		98
8) 2-Chlorophenol	6.66	128	437082	43.54	ng		92
9) Benzaldehyde	6.42	77	216598	34.93	ng		97
10) Phenol	6.53	94	523152	42.02	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	418802	43.75	ng		95
12) 1,3-Dichlorobenzene	6.81	146	438954m	39.45	ng		
13) 1,4-Dichlorobenzene	6.89	146	449886	40.37	ng		98
14) 1,2-Dichlorobenzene	7.05	146	426316	43.59	ng		96
15) Benzyl Alcohol	7.02	79	297464	37.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	508291	38.99	ng		97
17) 2-Methylphenol	7.13	107	328038	39.03	ng		97
18) Hexachloroethane	7.40	117	167562	40.99	ng	#	89
19) n-Nitroso-di-n-propylamine	7.29	70	248247	37.33	ng	#	91
20) 3+4-Methylphenols	7.29	107	398066	44.18	ng	#	63
22) Acetophenone	7.29	105	544341	38.76	ng		98
24) Nitrobenzene	7.46	77	465037	42.58	ng		97
25) Isophorone	7.70	82	778750	39.40	ng		99
26) 2-Nitrophenol	7.78	139	233534	44.64	ng		96
27) 2,4-Dimethylphenol	7.82	122	390491	41.97	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	437697	37.04	ng		99
29) 2,4-Dichlorophenol	8.02	162	329884	43.70	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	339352	38.91	ng		100
31) Naphthalene	8.18	128	1081894	38.64	ng		99
32) Benzoic acid	7.94	122	303484	56.72	ng		98
33) 4-Chloroaniline	8.23	127	455957	37.86	ng		99
34) Hexachlorobutadiene	8.31	225	182112	39.94	ng		100
35) Caprolactam	8.62	113	112560	45.66	ng	#	82
36) 4-Chloro-3-methylphenol	8.72	107	373719	43.36	ng		88
37) 2-Methylnaphthalene	8.88	142	757373	42.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	302766	35.53	ng		99
40) Hexachlorocyclopentadiene	9.03	237	151621	36.82	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085498.D
Acq On : 17 Mar 2016 18:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:03 AM

Quant Time: Mar 18 02:15:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	228759	40.66	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	222301	39.11	ng	#	90
45) 1,1'-Biphenyl	9.34	154	894197	39.99	ng		99
46) 2-Chloronaphthalene	9.37	162	693692	41.41	ng		99
47) 2-Nitroaniline	9.46	65	231485	45.63	ng	#	80
48) Acenaphthylene	9.78	152	1136987	41.95	ng		98
49) Dimethylphthalate	9.65	163	824642	41.26	ng		100
50) 2,6-Dinitrotoluene	9.70	165	162267	36.75	ng		88
51) Acenaphthene	9.96	154	709793	41.66	ng		98
52) 3-Nitroaniline	9.88	138	211897	40.13	ng		87
53) 2,4-Dinitrophenol	9.98	184	93440	42.19	ng	#	56
54) Dibenzofuran	10.13	168	902832	43.13	ng		97
55) 4-Nitrophenol	10.04	139	172301	47.41	ng		98
56) 2,4-Dinitrotoluene	10.10	165	225116	40.65	ng	#	85
57) Fluorene	10.47	166	749291	44.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	159216	40.80	ng		99
59) Diethylphthalate	10.34	149	824782	42.63	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	328737	38.33	ng		99
61) 4-Nitroaniline	10.49	138	219930	44.31	ng		90
62) Azobenzene	10.62	77	794005	41.33	ng		99
64) 4,6-Dinitro-2-methylphenol	10.52	198	122445	40.24	ng	#	63
65) n-Nitrosodiphenylamine	10.58	169	643693	41.00	ng		97
66) 4-Bromophenyl-phenylether	10.95	248	215030	41.71	ng		95
67) Hexachlorobenzene	11.02	284	226534	42.58	ng		97
68) Atrazine	11.11	200	195378	43.49	ng		93
69) Pentachlorophenol	11.21	266	130780	46.38	ng		98
70) Phenanthrene	11.43	178	1104329	41.62	ng		99
71) Anthracene	11.48	178	1063724	39.36	ng		99
72) Carbazole	11.64	167	1010788	44.20	ng		99
73) Di-n-butylphthalate	11.97	149	1313344	46.36	ng	#	98
74) Fluoranthene	12.62	202	1150643	46.13	ng		94
76) Benzidine	12.73	184	422465	36.94	ng		100
77) Pyrene	12.85	202	1116395	40.43	ng		98
79) Butylbenzylphthalate	13.47	149	536850	44.46	ng	#	68
80) Benzo(a)anthracene	14.03	228	846575	40.11	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	304701	42.65	ng		98
82) Chrysene	14.07	228	850497	44.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	688264	46.73	ng		98
84) Di-n-octyl phthalate	14.63	149	1166279	54.24	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	753448	41.86	ng		97
87) Benzo(b)fluoranthene	15.07	252	816059m	41.96	ng		
88) Benzo(k)fluoranthene	15.09	252	604748m	39.70	ng		
89) Benzo(a)pyrene	15.42	252	691093	41.13	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	628511	38.29	ng		99
91) Benzo(g,h,i)perylene	17.32	276	632382	37.72	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085498.D
Acq On : 17 Mar 2016 18:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 02:15:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:03 AM