Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084644.D
Acq On : 29 Jan 2016 19:00
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:24 PM

Quant Time: Jan 29 23:57:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131576	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	528694	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	271494	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	675643	20.00	ng		0.00
75) Chrysene-d12	13.88	240	585716	20.00	ng		0.01
86) Perylene-d12	15.27	264	571099	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	693245	79.53	ng		0.00
7) Phenol-d6	6.37	99	838968	80.30	ng		0.00
23) Nitrobenzene-d5	7.30	82	820758	86.76	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	257210	90.39	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1366196	74.80	ng		0.00
78) Terphenyl-d14	12.83	244	1761797	67.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	198961	48.95	ng	#	75
3) Pyridine	2.91	79	564419	52.12	ng	#	73
4) n-Nitrosodimethylamine	2.86	42	262290	49.54	ng		83
6) Aniline	6.38	93	517741	38.61	ng	#	48
8) 2-Chlorophenol	6.51	128	395056	40.86	ng		95
9) Benzaldehyde	6.27	77	253589	41.92	ng		96
10) Phenol	6.38	94	480348	41.25	ng	#	70
11) bis(2-Chloroethyl)ether	6.46	93	325180	35.91	ng	#	82
12) 1,3-Dichlorobenzene	6.66	146	380844m	36.77	ng		
13) 1,4-Dichlorobenzene	6.74	146	387680	38.13	ng		97
14) 1,2-Dichlorobenzene	6.90	146	390045	41.67	ng		97
15) Benzyl Alcohol	6.88	79	309021	43.46	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	595713	38.44	ng		85
17) 2-Methylphenol	7.00	107	300093	40.04	ng	#	91
18) Hexachloroethane	7.24	117	156186	39.27	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	262463	41.13	ng	#	71
20) 3+4-Methylphenols	7.15	107	362606	39.87	ng	#	69
22) Acetophenone	7.14	105	557145	40.35	ng	#	92
24) Nitrobenzene	7.31	77	379743	37.77	ng		91
25) Isophorone	7.56	82	748548	42.23	ng		96
26) 2-Nitrophenol	7.63	139	207926	43.48	ng	#	82
27) 2,4-Dimethylphenol	7.68	122	313310	37.39	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	399537	37.56	ng		99
29) 2,4-Dichlorophenol	7.88	162	304792	41.59	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	323165	38.56	ng		96
31) Naphthalene	8.03	128	988627	37.04	ng		99
32) Benzoic acid	7.81	122	279265	43.42	ng		90
33) 4-Chloroaniline	8.09	127	417468	38.46	ng		97
34) Hexachlorobutadiene	8.16	225	204532	41.30	ng		99
35) Caprolactam	8.48	113	107275	51.01	ng	#	74
36) 4-Chloro-3-methylphenol	8.58	107	345791	42.86	ng		92
37) 2-Methylnaphthalene	8.73	142	729316	44.52	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	313026	35.55	ng		98
40) Hexachlorocyclopentadiene	8.88	237	143547	35.86	ng		97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084644.D
Acq On : 29 Jan 2016 19:00
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:24 PM

Quant Time: Jan 29 23:57:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	210472	38.48	ng		94
43) 2,4,5-Trichlorophenol	9.05	196	218394	38.67	ng	#	82
45) 1,1'-Biphenyl	9.20	154	972320	39.08	ng		95
46) 2-Chloronaphthalene	9.22	162	681110	37.52	ng	#	87
47) 2-Nitroaniline	9.31	65	208286	38.20	ng		95
48) Acenaphthylene	9.63	152	1092610	39.72	ng		99
49) Dimethylphthalate	9.50	163	853789	41.90	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	196668	43.87	ng	#	88
51) Acenaphthene	9.80	154	774322	42.04	ng		98
52) 3-Nitroaniline	9.72	138	184626	39.41	ng		99
53) 2,4-Dinitrophenol	9.84	184	95554	43.19	ng	#	85
54) Dibenzofuran	9.97	168	891238	40.54	ng		98
55) 4-Nitrophenol	9.89	139	149791	43.53	ng	#	64
56) 2,4-Dinitrotoluene	9.96	165	269423	46.26	ng		93
57) Fluorene	10.32	166	760072	40.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	167929	39.33	ng		96
59) Diethylphthalate	10.20	149	808649	40.54	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	326457	39.03	ng		89
61) 4-Nitroaniline	10.34	138	196750	44.37	ng		99
62) Azobenzene	10.46	77	799099	41.85	ng		87
64) 4,6-Dinitro-2-methylphenol	10.36	198	134871	30.56	ng	#	41
65) n-Nitrosodiphenylamine	10.43	169	684874	31.26	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	231469	30.42	ng	#	88
67) Hexachlorobenzene	10.85	284	226720	27.39	ng	#	79
68) Atrazine	10.96	200	188242	28.68	ng		98
69) Pentachlorophenol	11.05	266	127078	31.78	ng		95
70) Phenanthrene	11.26	178	1383536	37.03	ng		97
71) Anthracene	11.32	178	1603952	42.23	ng		99
72) Carbazole	11.48	167	1437851	43.92	ng		98
73) Di-n-butylphthalate	11.81	149	1509512	37.91	ng	#	97
74) Fluoranthene	12.45	202	1627088	44.05	ng		96
76) Benzidine	12.58	184	854794	38.37	ng		97
77) Pyrene	12.68	202	1698337	38.44	ng		99
79) Butylbenzylphthalate	13.31	149	769913	40.80	ng		98
80) Benzo(a)anthracene	13.87	228	1369371	37.51	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	543143	42.28	ng	#	97
82) Chrysene	13.91	228	1383820	38.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	914955	37.37	ng		97
84) Di-n-octyl phthalate	14.49	149	1659005	42.89	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.58	276	1218422	38.29	ng		99
87) Benzo(b)fluoranthene	14.88	252	1357187m	36.70	ng		
88) Benzo(k)fluoranthene	14.90	252	1235266m	40.44	ng		
89) Benzo(a)pyrene	15.21	252	1257331	39.30	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	1025946	35.59	ng	#	95
91) Benzo(g,h,i)perylene	16.97	276	986401	33.89	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084644.D
Acq On : 29 Jan 2016 19:00
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 23:57:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:24 PM