Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084665.D
Acq On : 30 Jan 2016 5:09
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:40 PM

Quant Time: Jan 30 06:12:09 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	174536	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	683436	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	330459	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	614994	20.00	ng		0.00
75) Chrysene-d12	13.87	240	448873	20.00	ng		0.00
86) Perylene-d12	15.25	264	349031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	843641	72.96	ng		0.00
7) Phenol-d6	6.37	99	1083936	78.21	ng		0.00
23) Nitrobenzene-d5	7.30	82	1038570	84.93	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	296533	85.62	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1693587	76.18	ng		0.00
78) Terphenyl-d14	12.83	244	1722120	86.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	188930	35.04	ng	#	72
3) Pyridine	2.91	79	534750	37.23	ng	#	74
4) n-Nitrosodimethylamine	2.85	42	244435	34.80	ng		82
6) Aniline	6.38	93	520495	29.26	ng	#	41
8) 2-Chlorophenol	6.51	128	521951	40.70	ng		98
9) Benzaldehyde	6.27	77	325716	40.59	ng		93
10) Phenol	6.38	94	610629	39.53	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	433934	36.12	ng	#	82
12) 1,3-Dichlorobenzene	6.66	146	506578m	36.87	ng		
13) 1,4-Dichlorobenzene	6.74	146	510745	37.87	ng		96
14) 1,2-Dichlorobenzene	6.90	146	499720	40.24	ng		96
15) Benzyl Alcohol	6.88	79	378815	40.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	766713	37.29	ng		86
17) 2-Methylphenol	6.99	107	380773	38.30	ng		91
18) Hexachloroethane	7.24	117	203411	38.56	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	328793	38.84	ng	#	76
20) 3+4-Methylphenols	7.15	107	464908	38.53	ng	#	75
22) Acetophenone	7.14	105	680967	38.15	ng	#	97
24) Nitrobenzene	7.31	77	472979	36.39	ng		93
25) Isophorone	7.56	82	939851	41.02	ng		94
26) 2-Nitrophenol	7.63	139	260124	42.08	ng	#	85
27) 2,4-Dimethylphenol	7.68	122	399022	36.84	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	528515	38.44	ng		99
29) 2,4-Dichlorophenol	7.88	162	385342	40.67	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	419560	38.73	ng		97
31) Naphthalene	8.03	128	1294969	37.53	ng		99
32) Benzoic acid	7.81	122	343413	41.30	ng		94
33) 4-Chloroaniline	8.09	127	482511	34.39	ng		99
34) Hexachlorobutadiene	8.16	225	258381	40.36	ng		99
35) Caprolactam	8.46	113	123000	45.24	ng	#	55
36) 4-Chloro-3-methylphenol	8.58	107	445310	42.69	ng		95
37) 2-Methylnaphthalene	8.73	142	920000	43.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	382038	35.65	ng		99
40) Hexachlorocyclopentadiene	8.88	237	174259	35.76	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	256853	38.58	ng		93
43) 2,4,5-Trichlorophenol	9.05	196	276687	40.25	ng	#	89
45) 1,1'-Biphenyl	9.20	154	1186853	39.19	ng		95
46) 2-Chloronaphthalene	9.21	162	843073	38.15	ng		97
47) 2-Nitroaniline	9.31	65	248238	37.41	ng		97
48) Acenaphthylene	9.63	152	1319001	39.40	ng		99
49) Dimethylphthalate	9.49	163	969920	39.11	ng	#	89
50) 2,6-Dinitrotoluene	9.56	165	229980	42.14	ng		94
51) Acenaphthene	9.80	154	927418	41.37	ng		97
52) 3-Nitroaniline	9.72	138	214777	37.67	ng		99
53) 2,4-Dinitrophenol	9.84	184	108997	40.48	ng	#	78
54) Dibenzofuran	9.97	168	1077269	40.26	ng		97
55) 4-Nitrophenol	9.89	139	171379	40.92	ng	#	76
56) 2,4-Dinitrotoluene	9.96	165	304917	43.01	ng		90
57) Fluorene	10.30	166	840894	37.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	217941	41.94	ng		90
59) Diethylphthalate	10.19	149	915275	37.70	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	407127	39.99	ng		94
61) 4-Nitroaniline	10.34	138	254135	47.09	ng		93
62) Azobenzene	10.46	77	978755	42.12	ng		90
64) 4,6-Dinitro-2-methylphenol	10.36	198	158329	39.42	ng	#	59
65) n-Nitrosodiphenylamine	10.43	169	820331	41.14	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	289607	41.81	ng		96
67) Hexachlorobenzene	10.85	284	280627	37.25	ng	#	89
68) Atrazine	10.96	200	233032	39.00	ng		99
69) Pentachlorophenol	11.05	266	149956	41.20	ng		97
70) Phenanthrene	11.27	178	1229657	36.16	ng		98
71) Anthracene	11.32	178	1405320	40.65	ng		100
72) Carbazole	11.48	167	1189232	39.91	ng		97
73) Di-n-butylphthalate	11.81	149	1386197	38.25	ng	#	96
74) Fluoranthene	12.45	202	1413938	42.06	ng		94
76) Benzidine	12.58	184	136941	8.02	ng		99
77) Pyrene	12.67	202	1376153	40.65	ng		99
79) Butylbenzylphthalate	13.31	149	635794	43.96	ng	#	83
80) Benzo(a)anthracene	13.86	228	1082350	38.68	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	400119	40.64	ng		100
82) Chrysene	13.91	228	1101888	39.95	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	822854	43.86	ng	#	95
84) Di-n-octyl phthalate	14.48	149	1253182	42.28	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	802664	32.92	ng		99
87) Benzo(b)fluoranthene	14.87	252	1092611m	48.34	ng		
88) Benzo(k)fluoranthene	14.90	252	693196m	37.13	ng		
89) Benzo(a)pyrene	15.20	252	781433	39.97	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	667036	37.86	ng	#	95
91) Benzo(g,h,i)perylene	16.96	276	685728	38.55	ng		98

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

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