Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
Data File : BF083843.D
Acq On : 16 Dec 2015 12:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:34:09 PM

Quant Time: Dec 17 03:29:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110817	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	438977	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	209035	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	386433	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	257959	20.00	ng		-0.02
86) Perylene-d12	15.48	264	215472	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	523563	76.22	ng		-0.03
7) Phenol-d6	6.53	99	682244	78.43	ng		-0.01
23) Nitrobenzene-d5	7.46	82	586126	74.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	173822	81.61	ng		-0.03
44) 2-Fluorobiphenyl	9.25	172	1039878	68.91	ng		-0.03
78) Terphenyl-d14	13.00	244	1067979	89.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	126401	38.05	ng	#	79
3) Pyridine	3.23	79	337481	40.38	ng		85
4) n-Nitrosodimethylamine	3.18	42	120965	38.26	ng	#	60
6) Aniline	6.56	93	445195	37.67	ng	#	84
8) 2-Chlorophenol	6.68	128	333276	41.29	ng		84
9) Benzaldehyde	6.44	77	182738	39.12	ng		80
10) Phenol	6.54	94	384696	38.42	ng		89
11) bis(2-Chloroethyl)ether	6.64	93	294690	40.64	ng	#	81
12) 1,3-Dichlorobenzene	6.83	146	335720m	39.19	ng		
13) 1,4-Dichlorobenzene	6.91	146	337003	38.93	ng		99
14) 1,2-Dichlorobenzene	7.07	146	332783	42.78	ng		97
15) Benzyl Alcohol	7.04	79	244927	38.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	324651	34.48	ng		71
17) 2-Methylphenol	7.15	107	242562	37.37	ng	#	85
18) Hexachloroethane	7.41	117	127403	41.44	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	187596	35.22	ng		93
20) 3+4-Methylphenols	7.31	107	303277	39.58	ng	#	60
22) Acetophenone	7.31	105	420708	39.07	ng	#	98
24) Nitrobenzene	7.48	77	345555	42.31	ng	#	80
25) Isophorone	7.72	82	590005	38.33	ng	#	92
26) 2-Nitrophenol	7.79	139	156209	39.82	ng		90
27) 2,4-Dimethylphenol	7.84	122	288505	37.43	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	319540	36.38	ng	#	98
29) 2,4-Dichlorophenol	8.04	162	266017	42.04	ng		94
30) 1,2,4-Trichlorobenzene	8.12	180	264961	40.37	ng		96
31) Naphthalene	8.20	128	895367	39.13	ng		98
32) Benzoic acid	7.96	122	157631	32.81	ng	#	84
33) 4-Chloroaniline	8.25	127	368899	39.47	ng	#	90
34) Hexachlorobutadiene	8.33	225	156461	43.45	ng		97
35) Caprolactam	8.62	113	80765	39.74	ng	#	60
36) 4-Chloro-3-methylphenol	8.73	107	274095	37.03	ng		97
37) 2-Methylnaphthalene	8.89	142	538412	37.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	246948	40.05	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	97221	31.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	186828	41.39	ng		97
43) 2,4,5-Trichlorophenol	9.21	196	175954	41.09	ng	#	94
45) 1,1'-Biphenyl	9.36	154	728202	39.31	ng		96
46) 2-Chloronaphthalene	9.38	162	526817	38.52	ng	#	92
47) 2-Nitroaniline	9.47	65	155833	40.18	ng	#	75
48) Acenaphthylene	9.79	152	847882	36.85	ng		99
49) Dimethylphthalate	9.65	163	629104	38.60	ng		100
50) 2,6-Dinitrotoluene	9.71	165	137220	39.67	ng		97
51) Acenaphthene	9.96	154	529453	38.07	ng		100
52) 3-Nitroaniline	9.88	138	152015	38.12	ng		80
53) 2,4-Dinitrophenol	9.98	184	55842	40.51	ng	#	89
54) Dibenzofuran	10.13	168	666608	36.17	ng	#	89
55) 4-Nitrophenol	10.04	139	118771	40.22	ng		83
56) 2,4-Dinitrotoluene	10.12	165	214212	47.41	ng	#	57
57) Fluorene	10.48	166	534376	36.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	139201	43.34	ng	#	100
59) Diethylphthalate	10.35	149	617656	37.44	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	270309	40.85	ng	#	89
61) 4-Nitroaniline	10.50	138	166163	47.27	ng		94
62) Azobenzene	10.62	77	586763	39.01	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	91069	41.42	ng	#	45
65) n-Nitrosodiphenylamine	10.59	169	538023	40.71	ng		97
66) 4-Bromophenyl-phenylether	10.96	248	167764	38.83	ng	#	80
67) Hexachlorobenzene	11.04	284	193971	41.49	ng	#	75
68) Atrazine	11.12	200	152890	40.66	ng		98
69) Pentachlorophenol	11.22	266	96351	36.54	ng		99
70) Phenanthrene	11.44	178	768539	37.44	ng		99
71) Anthracene	11.49	178	894578	41.96	ng		100
72) Carbazole	11.64	167	774782	39.00	ng	#	96
73) Di-n-butylphthalate	11.97	149	935907	38.79	ng		99
74) Fluoranthene	12.63	202	884958	41.72	ng		99
76) Benzidine	12.74	184	381828	48.57	ng		97
77) Pyrene	12.85	202	888795	43.59	ng		99
79) Butylbenzylphthalate	13.47	149	407545	46.57	ng		90
80) Benzo(a)anthracene	14.04	228	638682	43.54	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	234601	44.34	ng		98
82) Chrysene	14.08	228	661022	46.20	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	448963	45.08	ng	#	98
84) Di-n-octyl phthalate	14.64	149	710884	44.92	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	601913	42.84	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	546838	39.78	ng		99
88) Benzo(k)fluoranthene	15.09	252	524089m	42.08	ng		
89) Benzo(a)pyrene	15.43	252	501821	40.91	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	493203	40.43	ng		98
91) Benzo(g,h,i)perylene	17.35	276	520126	41.48	ng		98

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

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