Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082971.D
Acq On : 17 Nov 2015 17:34
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:02 AM

Quant Time: Nov 18 04:32:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	222129m	20.00	ng		-0.09
21) Naphthalene-d8	8.04	136	843561	20.00	ng		-0.10
38) Acenaphthene-d10	9.80	164	436576	20.00	ng		-0.09
63) Phenanthrene-d10	11.28	188	794218	20.00	ng		-0.10
75) Chrysene-d12	13.92	240	616649	20.00	ng		-0.10
86) Perylene-d12	15.32	264	520671	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1048388	73.44	ng		-0.09
7) Phenol-d6	6.42	99	1455012	76.66	ng		-0.07
23) Nitrobenzene-d5	7.33	82	1521083	78.46	ng		-0.08
41) 2,4,6-Tribromophenol	10.59	330	316032	63.13	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	1982721	65.09	ng		-0.09
78) Terphenyl-d14	12.87	244	2178670	83.80	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	256325	41.61	ng		97
3) Pyridine	2.93	79	863900	48.33	ng		97
4) n-Nitrosodimethylamine	2.89	42	352368	39.75	ng	#	77
6) Aniline	6.42	93	939234m	35.25	ng		
8) 2-Chlorophenol	6.54	128	573637	36.25	ng		82
9) Benzaldehyde	6.29	77	380144m	36.26	ng		
10) Phenol	6.43	94	939510	43.63	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	622025	38.62	ng		90
12) 1,3-Dichlorobenzene	6.69	146	652977	36.58	ng		95
13) 1,4-Dichlorobenzene	6.77	146	663312m	35.72	ng		
14) 1,2-Dichlorobenzene	6.93	146	680364	40.29	ng		99
15) Benzyl Alcohol	6.91	79	577921	34.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	962204	40.73	ng		93
17) 2-Methylphenol	7.04	107	541836	40.42	ng		99
18) Hexachloroethane	7.28	117	255580	38.48	ng	#	83
19) n-Nitroso-di-n-propylamine	7.18	70	464249	33.28	ng		89
20) 3+4-Methylphenols	7.20	107	673593	38.65	ng	#	57
22) Acetophenone	7.17	105	849731	35.16	ng	#	98
24) Nitrobenzene	7.34	77	646648	32.62	ng		90
25) Isophorone	7.60	82	1346813	37.55	ng		95
26) 2-Nitrophenol	7.66	139	351786	42.51	ng	#	69
27) 2,4-Dimethylphenol	7.72	122	576362	38.76	ng		87
28) bis(2-Chloroethoxy)methane	7.80	93	704554	34.82	ng	#	97
29) 2,4-Dichlorophenol	7.92	162	541640	40.31	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	548356	36.28	ng		99
31) Naphthalene	8.06	128	1544342	33.18	ng		99
32) Benzoic acid	7.86	122	322800	31.71	ng	#	85
33) 4-Chloroaniline	8.12	127	753777	37.58	ng	#	90
34) Hexachlorobutadiene	8.19	225	321920	34.04	ng		99
35) Caprolactam	8.51	113	162234	38.29	ng	#	87
36) 4-Chloro-3-methylphenol	8.61	107	510911	32.33	ng		92
37) 2-Methylnaphthalene	8.76	142	1185929m	39.39	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	494347	34.46	ng		97
40) Hexachlorocyclopentadiene	8.92	237	292395	37.94	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	411824	38.46	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	391222	36.94	ng	#	76
45) 1,1'-Biphenyl	9.23	154	1442665	38.51	ng		99
46) 2-Chloronaphthalene	9.25	162	1098777	37.60	ng		95
47) 2-Nitroaniline	9.34	65	374282	34.53	ng	#	85
48) Acenaphthylene	9.66	152	1768428	38.62	ng		99
49) Dimethylphthalate	9.54	163	1360073	38.02	ng		99
50) 2,6-Dinitrotoluene	9.60	165	313723	41.11	ng	#	65
51) Acenaphthene	9.84	154	1066023	36.73	ng		100
52) 3-Nitroaniline	9.77	138	335974	40.03	ng	#	52
53) 2,4-Dinitrophenol	9.86	184	126208	30.12	ng	#	30
54) Dibenzofuran	10.01	168	1465350	37.45	ng		93
55) 4-Nitrophenol	9.94	139	249008	38.67	ng		87
56) 2,4-Dinitrotoluene	10.00	165	408821	39.48	ng	#	90
57) Fluorene	10.35	166	1200380	37.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	326683	37.79	ng	#	88
59) Diethylphthalate	10.24	149	1291436	36.98	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	495437	31.24	ng	#	84
61) 4-Nitroaniline	10.37	138	345009	40.87	ng	#	82
62) Azobenzene	10.50	77	1352747	36.06	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	228083	40.31	ng		99
65) n-Nitrosodiphenylamine	10.46	169	983534	34.28	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	335255	35.06	ng	#	79
67) Hexachlorobenzene	10.90	284	389524	36.48	ng	#	75
68) Atrazine	11.00	200	365366	41.18	ng		95
69) Pentachlorophenol	11.09	266	217049	33.47	ng		98
70) Phenanthrene	11.31	178	1838299	39.86	ng		97
71) Anthracene	11.36	178	1601689	32.97	ng		99
72) Carbazole	11.52	167	1625693	38.23	ng		99
73) Di-n-butylphthalate	11.86	149	2137350	40.34	ng	#	97
74) Fluoranthene	12.49	202	1602786	32.38	ng		97
76) Benzidine	12.61	184	807733	39.08	ng		99
77) Pyrene	12.72	202	1706722	40.30	ng		99
79) Butylbenzylphthalate	13.35	149	797638	42.63	ng		99
80) Benzo(a)anthracene	13.91	228	1539619	39.93	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	528515	38.55	ng		98
82) Chrysene	13.95	228	1449563	41.04	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	1116628	43.61	ng		98
84) Di-n-octyl phthalate	14.53	149	1776140	41.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	1207072	39.68	ng		96
87) Benzo(b)fluoranthene	14.93	252	1176273m	35.20	ng		
88) Benzo(k)fluoranthene	14.97	252	1257513m	42.42	ng		
89) Benzo(a)pyrene	15.28	252	1109250	38.31	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	988577	40.32	ng	#	97
91) Benzo(g,h,i)perylene	17.07	276	989100	42.12	ng	#	95

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

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