Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075498.D
Acq On : 14 Nov 2014 17:08
Operator : TP / JJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/17/2014 7:34:02 PM

Quant Time: Nov 14 18:34:15 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	63968	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	281439	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	150466	20.00	ng		-0.02
63) Phenanthrene-d10	13.17	188	255063	20.00	ng		-0.02
75) Chrysene-d12	16.47	240	275383	20.00	ng		-0.07
86) Perylene-d12	18.25	264	302433	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	310595	85.78	ng		-0.02
7) Phenol-d6	7.10	99	383649	88.11	ng		-0.01
23) Nitrobenzene-d5	8.24	82	324819	84.62	ng		-0.02
41) 2,4,6-Tribromophenol	12.30	330	99942	79.30	ng		-0.02
44) 2-Fluorobiphenyl	10.48	172	656727	78.87	ng		-0.01
78) Terphenyl-d14	15.16	244	743664	72.70	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	67361	44.31	ng		94
3) Pyridine	3.26	79	179972m	44.06	ng		
4) n-Nitrosodimethylamine	3.17	42	96622m	44.69	ng		
6) Aniline	7.13	93	268840	42.74	ng		96
8) 2-Chlorophenol	7.28	128	172100	41.07	ng		93
9) Benzaldehyde	7.00	77	125477	42.84	ng		96
10) Phenol	7.11	94	237674	44.74	ng		89
11) bis(2-Chloroethyl)ether	7.24	93	176667	43.91	ng	#	84
12) 1,3-Dichlorobenzene	7.48	146	184022	40.29	ng		96
13) 1,4-Dichlorobenzene	7.58	146	190490	41.00	ng		93
14) 1,2-Dichlorobenzene	7.76	146	177184	40.67	ng		92
15) Benzyl Alcohol	7.73	79	145074	42.44	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.91	45	341936	41.05	ng		94
17) 2-Methylphenol	7.86	107	140278	40.43	ng		96
18) Hexachloroethane	8.18	117	65215	40.93	ng	#	74
19) n-Nitroso-di-n-propylamine	8.06	70	120066	40.47	ng		99
20) 3+4-Methylphenols	8.06	107	184137	40.53	ng	#	85
22) Acetophenone	8.06	105	246508	40.60	ng	#	89
24) Nitrobenzene	8.26	77	184940	41.57	ng		94
25) Isophorone	8.56	82	360426	41.12	ng		95
26) 2-Nitrophenol	8.66	139	85415	42.14	ng	#	72
27) 2,4-Dimethylphenol	8.71	122	152822	38.90	ng		95
28) bis(2-Chloroethoxy)methane	8.84	93	211966	39.69	ng		98
29) 2,4-Dichlorophenol	8.95	162	136507	39.66	ng		92
30) 1,2,4-Trichlorobenzene	9.06	180	143197	39.62	ng		98
31) Naphthalene	9.16	128	500631	39.90	ng		99
32) Benzoic acid	8.80	122	85883	36.18	ng		91
33) 4-Chloroaniline	9.22	127	214860	39.41	ng	#	94
34) Hexachlorobutadiene	9.32	225	76734	39.29	ng		97
35) Caprolactam	9.65	113	49250	43.18	ng		92
36) 4-Chloro-3-methylphenol	9.83	107	150628	39.89	ng		88
37) 2-Methylnaphthalene	10.02	142	349166	40.79	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.23	216	121718	39.35	ng		98
40) Hexachlorocyclopentadiene	10.21	237	69595	37.04	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	97616	39.69	ng		99
43) 2,4,5-Trichlorophenol	10.41	196	106394	41.53	ng		99
45) 1,1'-Biphenyl	10.61	154	401866	39.59	ng		95
46) 2-Chloronaphthalene	10.63	162	316770	39.92	ng		91
47) 2-Nitroaniline	10.75	65	98167	41.11	ng		96
48) Acenaphthylene	11.15	152	524041	40.05	ng		99
49) Dimethylphthalate	10.99	163	406792	39.55	ng		100
50) 2,6-Dinitrotoluene	11.05	165	80116	39.54	ng		95
51) Acenaphthene	11.35	154	321627	40.72	ng		100
52) 3-Nitroaniline	11.26	138	100733	42.17	ng	#	98
53) 2,4-Dinitrophenol	11.40	184	36785	41.24	ng	#	46
54) Dibenzofuran	11.57	168	429835	38.08	ng		97
55) 4-Nitrophenol	11.47	139	83003	43.47	ng	#	60
56) 2,4-Dinitrotoluene	11.56	165	114230	42.92	ng		97
57) Fluorene	12.00	166	352238	38.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.72	232	80033	39.36	ng	#	95
59) Diethylphthalate	11.87	149	417437	39.11	ng		97
60) 4-Chlorophenyl-phenylether	12.00	204	150357	38.31	ng		94
61) 4-Nitroaniline	12.01	138	100491	42.08	ng		89
62) Azobenzene	12.20	77	391073	41.65	ng		94
64) 4,6-Dinitro-2-methylphenol	12.06	198	53868	41.76	ng		92
65) n-Nitrosodiphenylamine	12.15	169	321761	39.88	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	90777	37.83	ng	#	81
67) Hexachlorobenzene	12.68	284	106844	39.21	ng	#	89
68) Atrazine	12.81	200	96419	38.51	ng		98
69) Pentachlorophenol	12.92	266	69818	40.82	ng		99
70) Phenanthrene	13.19	178	525204	39.13	ng		99
71) Anthracene	13.26	178	552101	39.79	ng		99
72) Carbazole	13.45	167	529619	39.01	ng		99
73) Di-n-butylphthalate	13.90	149	747056	39.83	ng		99
74) Fluoranthene	14.68	202	610813	42.48	ng		93
76) Benzidine	14.85	184	335608	38.33	ng		99
77) Pyrene	14.95	202	628620	39.27	ng		100
79) Butylbenzylphthalate	15.77	149	349018	38.82	ng		97
80) Benzo(a)anthracene	16.45	228	589949	40.78	ng		99
81) 3,3'-Dichlorobenzidine	16.43	252	222710	41.69	ng	#	93
82) Chrysene	16.49	228	508239	40.62	ng		99
83) Bis(2-ethylhexyl)phthalate	16.49	149	522637	36.90	ng		99
84) Di-n-octyl phthalate	17.31	149	962357m	38.60	ng		
85) Indeno(1,2,3-cd)pyrene	19.82	276	693403m	45.68	ng		
87) Benzo(b)fluoranthene	17.79	252	605600	37.45	ng	#	95
88) Benzo(k)fluoranthene	17.82	252	581875m	40.10	ng		
89) Benzo(a)pyrene	18.19	252	563993	38.98	ng	#	94
90) Dibenzo(a,h)anthracene	19.84	278	589324	39.00	ng	#	95
91) Benzo(g,h,i)perylene	20.29	276	588614	40.89	ng		96

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

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