Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081043.D
Acq On : 18 Aug 2015 15:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:17:41 PM

Quant Time: Aug 19 02:01:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	49204	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	209452	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	101680	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	208984	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	188062	20.00	ng		-0.01
86) Perylene-d12	15.07	264	168561	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	249278	76.20	ng		-0.02
7) Phenol-d6	6.25	99	348549	81.66	ng		-0.01
23) Nitrobenzene-d5	7.18	82	361794	78.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	72411	82.15	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	570128	73.47	ng		-0.02
78) Terphenyl-d14	12.70	244	678631	77.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	13796m	8.95	ng		
3) Pyridine	2.63	79	186516	42.87	ng		86
4) n-Nitrosodimethylamine	2.58	42	95840	39.56	ng	#	82
6) Aniline	6.27	93	262574	42.31	ng	#	69
8) 2-Chlorophenol	6.39	128	153460	42.86	ng		98
9) Benzaldehyde	6.15	77	118093	42.92	ng		96
10) Phenol	6.27	94	198736	39.42	ng		84
11) bis(2-Chloroethyl)ether	6.35	93	168913	43.67	ng		93
12) 1,3-Dichlorobenzene	6.55	146	166542	43.29	ng		98
13) 1,4-Dichlorobenzene	6.63	146	167949	44.08	ng		98
14) 1,2-Dichlorobenzene	6.78	146	140578	39.43	ng		97
15) Benzyl Alcohol	6.76	79	164847	47.73	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	314486	41.38	ng		99
17) 2-Methylphenol	6.88	107	122823	39.98	ng		95
18) Hexachloroethane	7.12	117	65085	42.28	ng		93
19) n-Nitroso-di-n-propylamine	7.04	70	123354	41.72	ng		92
20) 3+4-Methylphenols	7.04	107	154386	39.59	ng	#	53
22) Acetophenone	7.03	105	203714	37.05	ng	#	91
24) Nitrobenzene	7.20	77	192688	40.19	ng		96
25) Isophorone	7.45	82	355050	41.52	ng	#	93
26) 2-Nitrophenol	7.52	139	88495	44.39	ng	#	72
27) 2,4-Dimethylphenol	7.56	122	129701	36.77	ng		93
28) bis(2-Chloroethoxy)methane	7.67	93	210167	41.61	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	118938	40.05	ng		89
30) 1,2,4-Trichlorobenzene	7.84	180	127186	38.54	ng		97
31) Naphthalene	7.92	128	489861	41.96	ng		99
32) Benzoic acid	7.70	122	94095m	47.43	ng		
33) 4-Chloroaniline	7.98	127	221436	44.95	ng	#	88
34) Hexachlorobutadiene	8.04	225	81164	43.49	ng		98
35) Caprolactam	8.35	113	41978	40.45	ng	#	88
36) 4-Chloro-3-methylphenol	8.47	107	155384	43.91	ng	#	89
37) 2-Methylnaphthalene	8.60	142	280404	38.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	134537	41.01	ng		100
40) Hexachlorocyclopentadiene	8.76	237	72287	42.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	102725	44.32	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	87243	37.66	ng	#	87
45) 1,1'-Biphenyl	9.07	154	385083	43.00	ng		96
46) 2-Chloronaphthalene	9.10	162	287789	40.00	ng		100
47) 2-Nitroaniline	9.19	65	109106	37.05	ng		98
48) Acenaphthylene	9.51	152	499869	38.84	ng		99
49) Dimethylphthalate	9.38	163	319421	38.14	ng		99
50) 2,6-Dinitrotoluene	9.44	165	75750	42.13	ng	#	80
51) Acenaphthene	9.68	154	321840	41.77	ng		98
52) 3-Nitroaniline	9.60	138	86646	38.51	ng		100
53) 2,4-Dinitrophenol	9.71	184	42225	47.00	ng	#	49
54) Dibenzofuran	9.85	168	411793	39.88	ng		99
55) 4-Nitrophenol	9.77	139	66651	42.18	ng	#	81
56) 2,4-Dinitrotoluene	9.84	165	102952	43.20	ng	#	83
57) Fluorene	10.18	166	287771	36.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	76757	42.81	ng		96
59) Diethylphthalate	10.08	149	386458	43.60	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	135721	40.38	ng		96
61) 4-Nitroaniline	10.22	138	99419	43.23	ng		92
62) Azobenzene	10.34	77	431482	42.25	ng		97
64) 4,6-Dinitro-2-methylphenol	10.24	198	55273	44.29	ng		90
65) n-Nitrosodiphenylamine	10.31	169	322862	43.28	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	89868	43.77	ng		96
67) Hexachlorobenzene	10.73	284	88618	42.62	ng	#	93
68) Atrazine	10.83	200	89017	42.83	ng		99
69) Pentachlorophenol	10.92	266	59516	47.71	ng		98
70) Phenanthrene	11.14	178	506383	40.89	ng		99
71) Anthracene	11.19	178	486014	40.33	ng		100
72) Carbazole	11.35	167	515981	44.47	ng		100
73) Di-n-butylphthalate	11.69	149	624807	44.50	ng		98
74) Fluoranthene	12.32	202	579550	43.36	ng		98
76) Benzidine	12.44	184	318448	44.83	ng		99
77) Pyrene	12.54	202	532619	34.84	ng		100
79) Butylbenzylphthalate	13.18	149	314208	47.81	ng	#	79
80) Benzo(a)anthracene	13.73	228	513923	40.75	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	180157	44.10	ng		96
82) Chrysene	13.76	228	458407	40.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	414252	49.21	ng	#	97
84) Di-n-octyl phthalate	14.35	149	739023	57.77	ng		98
85) Indeno(1,2,3-cd)pyrene	16.30	276	424426	53.19	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	506197m	42.46	ng		
88) Benzo(k)fluoranthene	14.74	252	360378m	32.44	ng		
89) Benzo(a)pyrene	15.03	252	433500	41.73	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	347797	42.96	ng	#	97
91) Benzo(g,h,i)perylene	16.67	276	336440	40.97	ng		96

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

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