Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075545.D
Acq On : 15 Nov 2014 16:46
Operator : TP / JJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
11/17/2014 7:36:26 PM

Quant Time: Nov 16 03:45:22 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 16 02:30:12 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	61535	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	271124	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	139010	20.00	ng		0.00
63) Phenanthrene-d10	13.16	188	228606	20.00	ng		0.00
75) Chrysene-d12	16.46	240	250478	20.00	ng		0.00
86) Perylene-d12	18.23	264	255807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	291964	83.82	ng		0.01
7) Phenol-d6	7.10	99	358413	85.57	ng		0.01
23) Nitrobenzene-d5	8.24	82	314772	85.12	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	92931	79.82	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	618826	80.44	ng		0.00
78) Terphenyl-d14	15.16	244	681856	73.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	59070	40.40	ng		95
3) Pyridine	3.25	79	145464	37.02	ng		93
4) n-Nitrosodimethylamine	3.17	42	79118	38.04	ng		87
6) Aniline	7.13	93	254299	42.03	ng		99
8) 2-Chlorophenol	7.28	128	165560	41.07	ng		93
9) Benzaldehyde	7.00	77	115709	41.07	ng		99
10) Phenol	7.11	94	218243	42.71	ng		91
11) bis(2-Chloroethyl)ether	7.24	93	161386	41.70	ng	#	82
12) 1,3-Dichlorobenzene	7.48	146	173669	39.53	ng		99
13) 1,4-Dichlorobenzene	7.57	146	177084	39.62	ng		99
14) 1,2-Dichlorobenzene	7.76	146	165442	39.48	ng	#	91
15) Benzyl Alcohol	7.73	79	135628	41.25	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.91	45	314535	39.26	ng		95
17) 2-Methylphenol	7.86	107	135764	40.68	ng		95
18) Hexachloroethane	8.17	117	60604	39.54	ng		97
19) n-Nitroso-di-n-propylamine	8.06	70	111867	39.19	ng		99
20) 3+4-Methylphenols	8.06	107	174151	39.85	ng		98
22) Acetophenone	8.06	105	234939	40.17	ng	#	93
24) Nitrobenzene	8.26	77	181843	42.43	ng		98
25) Isophorone	8.56	82	331495	39.26	ng		97
26) 2-Nitrophenol	8.66	139	81503	41.74	ng	#	67
27) 2,4-Dimethylphenol	8.71	122	146273	38.65	ng		98
28) bis(2-Chloroethoxy)methane	8.84	93	196827	38.25	ng		98
29) 2,4-Dichlorophenol	8.95	162	133686	40.32	ng		91
30) 1,2,4-Trichlorobenzene	9.06	180	134919	38.75	ng		96
31) Naphthalene	9.16	128	485979	40.20	ng		99
32) Benzoic acid	8.81	122	104913	45.88	ng		97
33) 4-Chloroaniline	9.22	127	202243	38.51	ng		96
34) Hexachlorobutadiene	9.32	225	68909	36.63	ng		98
35) Caprolactam	9.65	113	45914	41.78	ng	#	88
36) 4-Chloro-3-methylphenol	9.83	107	146120	40.17	ng		92
37) 2-Methylnaphthalene	10.02	142	321710	39.01	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	112960	39.53	ng		98
40) Hexachlorocyclopentadiene	10.21	237	57018	32.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.37	196	92282	40.61	ng		97
43) 2,4,5-Trichlorophenol	10.41	196	98685	41.70	ng	#	94
45) 1,1'-Biphenyl	10.60	154	370623	39.53	ng		99
46) 2-Chloronaphthalene	10.62	162	291648	39.78	ng		98
47) 2-Nitroaniline	10.74	65	95181	43.15	ng		92
48) Acenaphthylene	11.13	152	491807	40.68	ng		98
49) Dimethylphthalate	10.98	163	367419	38.67	ng		99
50) 2,6-Dinitrotoluene	11.05	165	74805	39.97	ng		92
51) Acenaphthene	11.35	154	293075	40.16	ng		99
52) 3-Nitroaniline	11.26	138	93924	42.56	ng	#	97
53) 2,4-Dinitrophenol	11.38	184	28003	35.45	ng		83
54) Dibenzofuran	11.57	168	415889	39.88	ng		95
55) 4-Nitrophenol	11.46	139	79425	45.02	ng	#	82
56) 2,4-Dinitrotoluene	11.56	165	105464	42.89	ng		93
57) Fluorene	11.99	166	338110	40.09	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.72	232	73222	38.98	ng	#	96
59) Diethylphthalate	11.86	149	369852	37.51	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	138056	38.07	ng		90
61) 4-Nitroaniline	12.01	138	91550	41.50	ng		89
62) Azobenzene	12.20	77	353284	40.72	ng		92
64) 4,6-Dinitro-2-methylphenol	12.06	198	43217	37.38	ng		81
65) n-Nitrosodiphenylamine	12.15	169	293837	40.64	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	84067	39.09	ng	#	83
67) Hexachlorobenzene	12.68	284	96581	39.54	ng	#	83
68) Atrazine	12.81	200	86854	38.71	ng		97
69) Pentachlorophenol	12.92	266	58348	38.06	ng		93
70) Phenanthrene	13.19	178	483373	40.18	ng		100
71) Anthracene	13.26	178	507349	40.80	ng		99
72) Carbazole	13.45	167	496538	40.81	ng		99
73) Di-n-butylphthalate	13.90	149	635737	37.82	ng		100
74) Fluoranthene	14.68	202	537534	41.71	ng		91
76) Benzidine	14.85	184	294294	36.95	ng		100
77) Pyrene	14.95	202	565795	38.86	ng		99
79) Butylbenzylphthalate	15.76	149	292270	35.74	ng	#	81
80) Benzo(a)anthracene	16.45	228	516231	39.23	ng		100
81) 3,3'-Dichlorobenzidine	16.41	252	194415	40.01	ng		98
82) Chrysene	16.49	228	459517	40.38	ng		100
83) Bis(2-ethylhexyl)phthalate	16.48	149	420472	32.64	ng	#	98
84) Di-n-octyl phthalate	17.28	149	755281	33.31	ng		98
85) Indeno(1,2,3-cd)pyrene	19.80	276	600806	43.52	ng	#	100
87) Benzo(b)fluoranthene	17.76	252	597727	43.70	ng		98
88) Benzo(k)fluoranthene	17.80	252	441824m	36.00	ng		
89) Benzo(a)pyrene	18.16	252	499978	40.86	ng	#	96
90) Dibenzo(a,h)anthracene	19.82	278	527285	41.26	ng	#	95
91) Benzo(g,h,i)perylene	20.27	276	526650	43.25	ng		94

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

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