Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089644.D
Acq On : 5 Aug 2016 22:48
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
umangi
8/8/2016 9:19:56 AM

Quant Time: Aug 06 00:19:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	55807	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	224402	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	88637	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	131438	20.00	ng		0.00
75) Chrysene-d12	18.39	240	112075	20.00	ng		0.00
86) Perylene-d12	20.05	264	95618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	279703	84.00	ng		0.01
7) Phenol-d6	6.99	99	360496	79.81	ng		0.01
23) Nitrobenzene-d5	8.36	82	332833	82.04	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	48600	66.44	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	560721	82.22	ng		0.00
78) Terphenyl-d14	17.05	244	320511	56.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	65064	34.09	ng		95
3) Pyridine	2.31	79	163807	46.70	ng		98
4) n-Nitrosodimethylamine	2.28	42	64281	42.72	ng		98
6) Aniline	6.94	93	244065	41.70	ng		99
8) 2-Chlorophenol	7.12	128	160445	39.25	ng		95
9) Benzaldehyde	6.74	77	93093	56.81	ng		92
10) Phenol	7.02	94	195683	42.20	ng		94
11) bis(2-Chloroethyl)ether	7.10	93	154932	38.89	ng		98
12) 1,3-Dichlorobenzene	7.35	146	174325	39.26	ng		99
13) 1,4-Dichlorobenzene	7.47	146	171485	38.73	ng		98
14) 1,2-Dichlorobenzene	7.70	146	167367	35.86	ng		98
15) Benzyl Alcohol	7.74	79	120756	40.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	188738	37.20	ng	#	62
17) 2-Methylphenol	7.95	107	116815	39.57	ng		97
18) Hexachloroethane	8.23	117	61290	32.84	ng		99
19) n-Nitroso-di-n-propylamine	8.17	70	120400	36.90	ng		95
20) 3+4-Methylphenols	8.22	107	154361	41.42	ng		96
22) Acetophenone	8.14	105	217674	40.69	ng	#	99
24) Nitrobenzene	8.39	77	164290	42.63	ng		98
25) Isophorone	8.79	82	298253	38.39	ng		100
26) 2-Nitrophenol	8.89	139	72050	40.74	ng		97
27) 2,4-Dimethylphenol	9.04	122	131440	41.34	ng		96
28) bis(2-Chloroethoxy)methane	9.18	93	191005	40.64	ng		100
29) 2,4-Dichlorophenol	9.31	162	116137	38.60	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	131755	38.35	ng		97
31) Naphthalene	9.51	128	450550	37.77	ng		100
32) Benzoic acid	9.35	122	74730	37.41	ng		97
33) 4-Chloroaniline	9.64	127	182176	40.67	ng		99
34) Hexachlorobutadiene	9.74	225	75035	37.92	ng		97
35) Caprolactam	10.30	113	33053	37.70	ng		99
36) 4-Chloro-3-methylphenol	10.50	107	131539	37.62	ng		93
37) 2-Methylnaphthalene	10.64	142	272423	37.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	140145	42.07	ng		99
40) Hexachlorocyclopentadiene	10.89	237	3162	11.48	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	72354	44.03	ng		97
43) 2,4,5-Trichlorophenol	11.21	196	75545	43.02	ng		98
45) 1,1'-Biphenyl	11.41	154	329860	41.27	ng		99
46) 2-Chloronaphthalene	11.42	162	243865	40.69	ng		98
47) 2-Nitroaniline	11.63	65	78554	40.66	ng	#	78
48) Acenaphthylene	12.07	152	376695	38.16	ng		100
49) Dimethylphthalate	11.97	163	284614	40.97	ng		100
50) 2,6-Dinitrotoluene	12.05	165	56460	40.87	ng		91
51) Acenaphthene	12.35	154	214271	37.58	ng		100
52) 3-Nitroaniline	12.31	138	64122	38.81	ng		98
53) 2,4-Dinitrophenol	12.55	184	2322	10.11	ng	#	72
54) Dibenzofuran	12.64	168	291735	37.22	ng		100
55) 4-Nitrophenol	12.70	139	30025m	31.68	ng		
56) 2,4-Dinitrotoluene	12.70	165	68128	35.07	ng		98
57) Fluorene	13.19	166	232454	34.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	46927	35.20	ng		99
59) Diethylphthalate	13.11	149	279986	38.97	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	114337	37.21	ng		97
61) 4-Nitroaniline	13.30	138	52680	35.47	ng		92
62) Azobenzene	13.47	77	255729	36.80	ng		92
64) 4,6-Dinitro-2-methylphenol	13.37	198	10625	17.09	ng		91
65) n-Nitrosodiphenylamine	13.44	169	206702	46.56	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	57567	45.28	ng		97
67) Hexachlorobenzene	14.08	284	55857	39.94	ng	#	79
68) Atrazine	14.35	200	58005	46.80	ng		98
69) Pentachlorophenol	14.42	266	25942	45.22	ng		97
70) Phenanthrene	14.73	178	278711	39.00	ng		99
71) Anthracene	14.81	178	291028	37.98	ng		100
72) Carbazole	15.11	167	253598	39.71	ng		100
73) Di-n-butylphthalate	15.70	149	349085	40.42	ng		99
74) Fluoranthene	16.49	202	279754	38.08	ng		99
76) Benzidine	16.73	184	135104	39.77	ng		99
77) Pyrene	16.80	202	296973	29.97	ng		99
79) Butylbenzylphthalate	17.73	149	138709	32.90	ng		98
80) Benzo(a)anthracene	18.38	228	248431	38.58	ng		100
81) 3,3'-Dichlorobenzidine	18.37	252	94684	46.67	ng		97
82) Chrysene	18.42	228	256898	38.03	ng		100
83) Bis(2-ethylhexyl)phthalate	18.47	149	197985	33.91	ng		100
84) Di-n-octyl phthalate	19.25	149	361486	43.03	ng		97
85) Indeno(1,2,3-cd)pyrene	21.23	276	175456	34.20	ng		99
87) Benzo(b)fluoranthene	19.65	252	220097	37.43	ng	#	97
88) Benzo(k)fluoranthene	19.68	252	258058m	43.50	ng		
89) Benzo(a)pyrene	20.00	252	212299	38.56	ng	#	97
90) Dibenzo(a,h)anthracene	21.25	278	155834	30.30	ng		98
91) Benzo(g,h,i)perylene	21.57	276	144606	27.46	ng		100

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

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