Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089439.D
Acq On : 30 Jul 2016 6:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
8/1/2016 6:59:53 PM

Quant Time: Aug 01 01:07:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	49342	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	202890	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	80216	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	129193	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	95814	20.00	ng		-0.03
86) Perylene-d12	14.97	264	109491	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	244407	79.09	ng		-0.02
7) Phenol-d6	6.18	99	315407	77.23	ng		-0.02
23) Nitrobenzene-d5	7.10	82	295223	85.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.33	330	47302	71.20	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	474252	86.77	ng		-0.03
78) Terphenyl-d14	12.59	244	287213	70.16	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	57649	41.29	ng		97
3) Pyridine	2.49	79	134910	44.62	ng		99
4) n-Nitrosodimethylamine	2.47	42	47712	39.89	ng		97
6) Aniline	6.18	93	198788	45.08	ng		94
8) 2-Chlorophenol	6.31	128	137952	39.47	ng		96
9) Benzaldehyde	6.06	77	67627	33.91	ng		88
10) Phenol	6.19	94	189872	42.13	ng		91
11) bis(2-Chloroethyl)ether	6.26	93	144328	37.69	ng		90
12) 1,3-Dichlorobenzene	6.46	146	147381m	40.31	ng		
13) 1,4-Dichlorobenzene	6.54	146	163705	40.57	ng		96
14) 1,2-Dichlorobenzene	6.68	146	150586m	39.84	ng		
15) Benzyl Alcohol	6.68	79	102804	40.56	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	156467	37.46	ng		95
17) 2-Methylphenol	6.80	107	97593	36.12	ng		98
18) Hexachloroethane	7.03	117	61214	39.57	ng	#	87
19) n-Nitroso-di-n-propylamine	6.96	70	97516	39.60	ng		98
20) 3+4-Methylphenols	6.96	107	133439	38.46	ng		95
22) Acetophenone	6.95	105	203735	42.18	ng	#	98
24) Nitrobenzene	7.12	77	142140	36.33	ng		97
25) Isophorone	7.36	82	259343	37.45	ng		99
26) 2-Nitrophenol	7.43	139	69659	39.83	ng	#	83
27) 2,4-Dimethylphenol	7.48	122	110266	39.57	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	171364	44.71	ng		99
29) 2,4-Dichlorophenol	7.68	162	105876	41.70	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	119920	41.40	ng	#	94
31) Naphthalene	7.83	128	413009	41.11	ng		100
32) Benzoic acid	7.63	122	50207	25.86	ng		99
33) 4-Chloroaniline	7.90	127	152278	39.81	ng		98
34) Hexachlorobutadiene	7.95	225	69300	41.77	ng		98
35) Caprolactam	8.26	113	24289	31.69	ng		93
36) 4-Chloro-3-methylphenol	8.39	107	108312	35.89	ng		93
37) 2-Methylnaphthalene	8.51	142	237326	39.20	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	135917	48.42	ng		99
40) Hexachlorocyclopentadiene	8.67	237	21714	33.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	60678	45.46	ng		100
43) 2,4,5-Trichlorophenol	8.84	196	73253	43.33	ng	#	92
45) 1,1'-Biphenyl	8.98	154	320692	46.95	ng		96
46) 2-Chloronaphthalene	9.00	162	229878	44.82	ng		93
47) 2-Nitroaniline	9.11	65	69430	45.71	ng	#	85
48) Acenaphthylene	9.40	152	328511	40.66	ng		100
49) Dimethylphthalate	9.29	163	240954	39.47	ng		99
50) 2,6-Dinitrotoluene	9.35	165	47380	37.77	ng	#	57
51) Acenaphthene	9.58	154	187331	39.71	ng		99
52) 3-Nitroaniline	9.52	138	56930	43.01	ng		83
53) 2,4-Dinitrophenol	9.66	184	5442	18.84	ng		98
54) Dibenzofuran	9.75	168	265855	41.35	ng		98
55) 4-Nitrophenol	9.71	139	15540m	28.42	ng		
56) 2,4-Dinitrotoluene	9.76	165	58324	35.32	ng	#	68
57) Fluorene	10.09	166	218823	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	43376	38.43	ng		95
59) Diethylphthalate	9.99	149	234633	37.91	ng		95
60) 4-Chlorophenyl-phenylether	10.09	204	105051	40.81	ng		90
61) 4-Nitroaniline	10.14	138	49783	36.48	ng		86
62) Azobenzene	10.25	77	239728	37.61	ng		88
64) 4,6-Dinitro-2-methylphenol	10.16	198	18330	25.72	ng	#	39
65) n-Nitrosodiphenylamine	10.22	169	185004	45.89	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	56140	45.51	ng	#	81
67) Hexachlorobenzene	10.64	284	53602	42.41	ng	#	69
68) Atrazine	10.74	200	49916	40.31	ng		98
69) Pentachlorophenol	10.83	266	18017	33.25	ng		96
70) Phenanthrene	11.04	178	272769	40.94	ng		99
71) Anthracene	11.10	178	283462	38.26	ng		98
72) Carbazole	11.26	167	229387	36.78	ng		99
73) Di-n-butylphthalate	11.60	149	322345	38.53	ng	#	98
74) Fluoranthene	12.22	202	261301	37.28	ng		99
76) Benzidine	12.35	184	94221	26.61	ng		98
77) Pyrene	12.45	202	258300	35.57	ng		99
79) Butylbenzylphthalate	13.07	149	117631	35.63	ng		93
80) Benzo(a)anthracene	13.62	228	214011	39.58	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	83034	42.67	ng	#	98
82) Chrysene	13.66	228	223748	38.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	172774	36.20	ng	#	94
84) Di-n-octyl phthalate	14.25	149	307688	41.32	ng		100
85) Indeno(1,2,3-cd)pyrene	16.15	276	248221	60.66	ng		99
87) Benzo(b)fluoranthene	14.62	252	210713m	30.99	ng		
88) Benzo(k)fluoranthene	14.65	252	262810m	42.04	ng		
89) Benzo(a)pyrene	14.91	252	236600	38.79	ng		99
90) Dibenzo(a,h)anthracene	16.16	278	219131	45.60	ng		97
91) Benzo(g,h,i)perylene	16.50	276	209080	44.27	ng		97

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

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