Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088921.D
Acq On : 12 Jul 2016 13:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/13/2016 9:25:30 AM

Quant Time: Jul 12 16:07:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	69923	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	272311	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	132533	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	246477	20.00	ng		0.00
75) Chrysene-d12	13.84	240	158511	20.00	ng		-0.01
86) Perylene-d12	15.21	264	135119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	349958	75.01	ng		0.00
7) Phenol-d6	6.35	99	456168	75.67	ng		0.00
23) Nitrobenzene-d5	7.28	82	435892	83.88	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	102809	83.54	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	725566	86.48	ng		0.00
78) Terphenyl-d14	12.80	244	565901	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	76882	33.24	ng	#	33
3) Pyridine	2.86	79	217868	32.46	ng		95
4) n-Nitrosodimethylamine	2.82	42	89902	35.06	ng		94
6) Aniline	6.36	93	304280	34.63	ng	#	21
8) 2-Chlorophenol	6.49	128	201343	40.15	ng		95
9) Benzaldehyde	6.25	77	134669	32.98	ng		93
10) Phenol	6.36	94	267257	38.84	ng	#	49
11) bis(2-Chloroethyl)ether	6.44	93	171089	33.35	ng		93
12) 1,3-Dichlorobenzene	6.65	146	215232m	39.01	ng		
13) 1,4-Dichlorobenzene	6.72	146	205971	37.61	ng		94
14) 1,2-Dichlorobenzene	6.88	146	218192m	42.56	ng		
15) Benzyl Alcohol	6.86	79	179267	40.40	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	229539	30.89	ng		90
17) 2-Methylphenol	6.97	107	151036	36.92	ng		95
18) Hexachloroethane	7.22	117	85186	40.21	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	141782	35.01	ng		93
20) 3+4-Methylphenols	7.13	107	183694	37.42	ng		96
22) Acetophenone	7.12	105	280569	42.45	ng	#	88
24) Nitrobenzene	7.29	77	190764	36.41	ng	#	79
25) Isophorone	7.54	82	391076	40.63	ng		98
26) 2-Nitrophenol	7.61	139	101139	47.08	ng		97
27) 2,4-Dimethylphenol	7.66	122	163257	36.48	ng	#	85
28) bis(2-Chloroethoxy)methane	7.76	93	245051	39.12	ng		97
29) 2,4-Dichlorophenol	7.85	162	146706	40.57	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	173484	43.71	ng		96
31) Naphthalene	8.01	128	548400	40.85	ng		99
32) Benzoic acid	7.80	122	131922	40.61	ng		90
33) 4-Chloroaniline	8.07	127	252967	42.35	ng		97
34) Hexachlorobutadiene	8.14	225	97177	45.73	ng		99
35) Caprolactam	8.44	113	49795	40.54	ng		95
36) 4-Chloro-3-methylphenol	8.56	107	204100	47.73	ng		96
37) 2-Methylnaphthalene	8.71	142	397882	46.03	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	187813	42.61	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	77875	35.99	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	106842	36.76	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	114177	45.66	ng	#	94
45) 1,1'-Biphenyl	9.18	154	469183	42.75	ng		95
46) 2-Chloronaphthalene	9.19	162	335968	39.00	ng		94
47) 2-Nitroaniline	9.29	65	129645	42.40	ng		96
48) Acenaphthylene	9.61	152	567602	41.40	ng		99
49) Dimethylphthalate	9.47	163	362388	38.38	ng		99
50) 2,6-Dinitrotoluene	9.53	165	78673	37.59	ng	#	34
51) Acenaphthene	9.78	154	364170	43.34	ng		98
52) 3-Nitroaniline	9.70	138	108751	40.88	ng		94
53) 2,4-Dinitrophenol	9.80	184	40055	43.35	ng	#	82
54) Dibenzofuran	9.95	168	444222	40.39	ng		98
55) 4-Nitrophenol	9.86	139	74535	36.87	ng		84
56) 2,4-Dinitrotoluene	9.93	165	110087	40.24	ng	#	37
57) Fluorene	10.28	166	324040	38.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	81813	42.29	ng	#	47
59) Diethylphthalate	10.17	149	369933	39.04	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	172021	43.68	ng		96
61) 4-Nitroaniline	10.31	138	97946	38.26	ng	#	77
62) Azobenzene	10.44	77	443351	41.02	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	54842	41.60	ng		91
65) n-Nitrosodiphenylamine	10.40	169	314933	37.75	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	98792	39.77	ng	#	88
67) Hexachlorobenzene	10.83	284	105480	38.36	ng		99
68) Atrazine	10.94	200	106499	40.97	ng		93
69) Pentachlorophenol	11.03	266	67054	41.21	ng		98
70) Phenanthrene	11.24	178	567101	42.09	ng		99
71) Anthracene	11.29	178	497530	37.14	ng		99
72) Carbazole	11.45	167	514310	40.79	ng		99
73) Di-n-butylphthalate	11.79	149	631586	43.06	ng		99
74) Fluoranthene	12.42	202	527949	38.65	ng		99
76) Benzidine	12.55	184	370601	46.26	ng		98
77) Pyrene	12.65	202	584807	43.51	ng		99
79) Butylbenzylphthalate	13.28	149	256210	42.74	ng		88
80) Benzo(a)anthracene	13.83	228	424224	41.56	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	160941	41.94	ng		98
82) Chrysene	13.87	228	421610	41.75	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	290720	42.48	ng		98
84) Di-n-octyl phthalate	14.45	149	459207	39.49	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	284110	36.57	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	330840m	39.03	ng		
88) Benzo(k)fluoranthene	14.86	252	300826m	40.77	ng		
89) Benzo(a)pyrene	15.15	252	286415	39.91	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	246958	41.21	ng		96
91) Benzo(g,h,i)perylene	16.89	276	250621	40.41	ng	#	92

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

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