Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087789.D
Acq On : 7 Jun 2016 14:26
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
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6/8/2016 7:12:54 PM

Quant Time: Jun 07 16:45:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:25:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	94197	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	389947	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	186061	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	368430	20.00	ng		0.00
75) Chrysene-d12	13.98	240	280123	20.00	ng		-0.01
86) Perylene-d12	15.39	264	220927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	123464	21.19	ng		0.00
7) Phenol-d6	6.47	99	156695	21.44	ng		-0.01
23) Nitrobenzene-d5	7.40	82	146383	21.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	46635	24.97	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	317662	21.25	ng		-0.01
78) Terphenyl-d14	12.94	244	301458	26.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	31636	11.23	ng	#	42
3) Pyridine	3.16	79	59375	7.98	ng		98
4) n-Nitrosodimethylamine	3.07	42	29055	9.24	ng	#	85
6) Aniline	6.49	93	99049	9.56	ng		93
8) 2-Chlorophenol	6.62	128	69582	10.38	ng		97
9) Benzaldehyde	6.38	77	50681	10.26	ng		83
10) Phenol	6.48	94	95251	11.44	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	64946	10.74	ng		93
12) 1,3-Dichlorobenzene	6.78	146	73506	10.24	ng		99
13) 1,4-Dichlorobenzene	6.86	146	78816	10.94	ng		98
14) 1,2-Dichlorobenzene	7.00	146	67841m	10.04	ng		
15) Benzyl Alcohol	6.98	79	58188	10.78	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	85505	9.70	ng		97
17) 2-Methylphenol	7.10	107	59073	10.97	ng		95
18) Hexachloroethane	7.36	117	25656	10.18	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	45511	9.97	ng		99
20) 3+4-Methylphenols	7.24	107	71509	10.84	ng	#	76
22) Acetophenone	7.24	105	95711	10.84	ng	#	85
24) Nitrobenzene	7.42	77	66267	9.82	ng	#	84
25) Isophorone	7.66	82	123843	10.09	ng		94
26) 2-Nitrophenol	7.74	139	31806	10.15	ng		95
27) 2,4-Dimethylphenol	7.78	122	69247	10.66	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	79419	10.20	ng	#	95
29) 2,4-Dichlorophenol	7.98	162	54709	10.26	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	65022	11.64	ng		98
31) Naphthalene	8.15	128	223014	11.76	ng		98
32) Benzoic acid	7.84	122	26692	6.81	ng		97
33) 4-Chloroaniline	8.19	127	93103	11.30	ng		96
34) Hexachlorobutadiene	8.27	225	31539	10.86	ng		99
35) Caprolactam	8.54	113	18934	10.80	ng	#	84
36) 4-Chloro-3-methylphenol	8.67	107	66122	11.98	ng		96
37) 2-Methylnaphthalene	8.83	142	134638m	10.75	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	65051	12.69	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	31416	10.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	37751	9.75	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	43681	12.12	ng		97
45) 1,1'-Biphenyl	9.30	154	190912	12.64	ng		96
46) 2-Chloronaphthalene	9.32	162	141820	11.80	ng		93
47) 2-Nitroaniline	9.42	65	39608	11.70	ng	#	86
48) Acenaphthylene	9.74	152	219358	11.70	ng		99
49) Dimethylphthalate	9.60	163	169102	12.50	ng		99
50) 2,6-Dinitrotoluene	9.66	165	34463	11.20	ng	#	72
51) Acenaphthene	9.91	154	134571	11.16	ng		98
52) 3-Nitroaniline	9.83	138	37412	10.63	ng	#	70
53) 2,4-Dinitrophenol	9.93	184	7396	8.92	ng	#	72
54) Dibenzofuran	10.08	168	202590	12.34	ng		95
55) 4-Nitrophenol	9.98	139	25980	8.64	ng		99
56) 2,4-Dinitrotoluene	10.06	165	47884	12.22	ng	#	87
57) Fluorene	10.42	166	159926	12.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	32935	10.61	ng	#	53
59) Diethylphthalate	10.30	149	167194	12.31	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	65006	9.77	ng	#	81
61) 4-Nitroaniline	10.42	138	32774	9.68	ng		90
62) Azobenzene	10.57	77	141234	10.33	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	14420	8.76	ng		96
65) n-Nitrosodiphenylamine	10.52	169	126281	10.46	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	42047	11.51	ng	#	88
67) Hexachlorobenzene	10.97	284	45787	11.21	ng	#	71
68) Atrazine	11.06	200	37396	10.46	ng		97
69) Pentachlorophenol	11.15	266	17369	7.16	ng		97
70) Phenanthrene	11.38	178	221724	11.10	ng		97
71) Anthracene	11.43	178	229410	11.46	ng		98
72) Carbazole	11.59	167	204014	10.77	ng	#	96
73) Di-n-butylphthalate	11.92	149	255226	12.56	ng		99
74) Fluoranthene	12.56	202	230859	11.74	ng		98
76) Benzidine	12.68	184	80763	7.31	ng		98
77) Pyrene	12.79	202	233330	11.70	ng		98
79) Butylbenzylphthalate	13.42	149	94694	11.15	ng		90
80) Benzo(a)anthracene	13.97	228	187068	11.57	ng		97
81) 3,3'-Dichlorobenzidine	13.93	252	45172	9.90	ng	#	92
82) Chrysene	14.01	228	170460	10.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.98	149	126550	12.53	ng	#	97
84) Di-n-octyl phthalate	14.58	149	206031	10.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	136480	10.26	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	167782m	11.67	ng		
88) Benzo(k)fluoranthene	15.02	252	124049m	10.37	ng		
89) Benzo(a)pyrene	15.34	252	133459	11.05	ng	#	95
90) Dibenzo(a,h)anthracene	16.79	278	115309	11.22	ng	#	95
91) Benzo(g,h,i)perylene	17.18	276	115270	11.11	ng		97

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

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