Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089320.D
Acq On : 27 Jul 2016 9:57
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
sohil
7/28/2016 4:55:01 PM

Quant Time: Jul 27 12:09:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 11:51:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42376	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	191687	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	87304	20.00	ng		0.00
63) Phenanthrene-d10	11.04	188	174000	20.00	ng		-0.01
75) Chrysene-d12	13.67	240	142621	20.00	ng		0.00
86) Perylene-d12	15.01	264	118549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	46908	16.92	ng		0.01
7) Phenol-d6	6.19	99	75904	21.10	ng		-0.01
23) Nitrobenzene-d5	7.12	82	65085	18.17	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	14847	18.87	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	128530	20.54	ng		-0.01
78) Terphenyl-d14	12.63	244	120848	18.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	19587	16.44	ng	#	67
3) Pyridine	2.62	79	19780	6.53	ng	#	90
4) n-Nitrosodimethylamine	2.58	42	4604	3.70	ng	#	82
6) Aniline	6.20	93	39138	8.25	ng	#	91
8) 2-Chlorophenol	6.33	128	31576	10.17	ng		99
9) Benzaldehyde	6.09	77	15999	8.46	ng		94
10) Phenol	6.22	94	41638	10.11	ng		84
11) bis(2-Chloroethyl)ether	6.28	93	36592	11.77	ng		96
12) 1,3-Dichlorobenzene	6.48	146	32412	9.51	ng		97
13) 1,4-Dichlorobenzene	6.56	146	35480	10.22	ng		97
14) 1,2-Dichlorobenzene	6.71	146	36356m	11.29	ng		
15) Benzyl Alcohol	6.71	79	18611	7.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.83	45	37206	10.46	ng		90
17) 2-Methylphenol	6.82	107	23362	9.70	ng		95
18) Hexachloroethane	7.05	117	14875	11.44	ng		95
19) n-Nitroso-di-n-propylamine	6.97	70	22153	9.59	ng		97
20) 3+4-Methylphenols	6.98	107	28834	8.83	ng	#	88
22) Acetophenone	6.97	105	46423	9.23	ng	#	97
24) Nitrobenzene	7.13	77	36081	9.59	ng		92
25) Isophorone	7.37	82	69218	10.47	ng		97
26) 2-Nitrophenol	7.46	139	14926	8.48	ng		96
27) 2,4-Dimethylphenol	7.51	122	26478	8.93	ng		95
28) bis(2-Chloroethoxy)methane	7.60	93	37188	9.16	ng		96
29) 2,4-Dichlorophenol	7.70	162	24117	9.01	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	27048	9.16	ng		99
31) Naphthalene	7.85	128	104896	10.23	ng		100
32) Benzoic acid	7.62	122	16928	7.69	ng		97
33) 4-Chloroaniline	7.92	127	37927	8.96	ng		96
34) Hexachlorobutadiene	7.98	225	15977	9.69	ng		98
35) Caprolactam	8.25	113	6217	7.56	ng		97
36) 4-Chloro-3-methylphenol	8.41	107	27447	8.50	ng		94
37) 2-Methylnaphthalene	8.54	142	56424m	8.78	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	33908	10.54	ng		99
40) Hexachlorocyclopentadiene	8.70	237	3297	3.92	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	13999	7.96	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	20200	11.21	ng		96
45) 1,1'-Biphenyl	9.00	154	82142	10.52	ng		98
46) 2-Chloronaphthalene	9.03	162	60720	10.24	ng		94
47) 2-Nitroaniline	9.14	65	17904	8.94	ng		92
48) Acenaphthylene	9.44	152	94593	10.08	ng		99
49) Dimethylphthalate	9.31	163	73315	11.04	ng		100
50) 2,6-Dinitrotoluene	9.37	165	14118	9.47	ng	#	68
51) Acenaphthene	9.60	154	54616	9.89	ng		99
52) 3-Nitroaniline	9.55	138	15622	9.02	ng		93
53) 2,4-Dinitrophenol	9.68	184	2820	4.93	ng	#	81
54) Dibenzofuran	9.78	168	74905	10.07	ng		97
55) 4-Nitrophenol	9.76	139	3117m	3.11	ng		
56) 2,4-Dinitrotoluene	9.78	165	18326	9.48	ng	#	84
57) Fluorene	10.11	166	68064	10.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	13257	10.22	ng	#	98
59) Diethylphthalate	10.01	149	72283	10.92	ng		95
60) 4-Chlorophenyl-phenylether	10.11	204	30928	10.73	ng	#	77
61) 4-Nitroaniline	10.16	138	14336	8.34	ng		96
62) Azobenzene	10.27	77	78685	10.96	ng		95
64) 4,6-Dinitro-2-methylphenol	10.18	198	7050	7.06	ng	#	48
65) n-Nitrosodiphenylamine	10.24	169	55660	9.58	ng		96
66) 4-Bromophenyl-phenylether	10.60	248	16943	9.82	ng		97
67) Hexachlorobenzene	10.66	284	18060	9.86	ng	#	80
68) Atrazine	10.76	200	18572	10.26	ng		96
69) Pentachlorophenol	10.87	266	4641	5.66	ng		96
70) Phenanthrene	11.07	178	93973	9.79	ng		98
71) Anthracene	11.12	178	107869	10.95	ng		100
72) Carbazole	11.28	167	91525	10.70	ng		98
73) Di-n-butylphthalate	11.62	149	122359	11.24	ng		99
74) Fluoranthene	12.25	202	101490	10.04	ng		98
76) Benzidine	12.39	184	49620	10.05	ng		98
77) Pyrene	12.47	202	107271	9.31	ng		100
79) Butylbenzylphthalate	13.11	149	47578	9.53	ng		89
80) Benzo(a)anthracene	13.66	228	79123	8.82	ng		98
81) 3,3'-Dichlorobenzidine	13.62	252	29446	9.99	ng	#	94
82) Chrysene	13.69	228	87749m	10.32	ng		
83) Bis(2-ethylhexyl)phthalate	13.67	149	69581	10.44	ng	#	99
84) Di-n-octyl phthalate	14.27	149	109885	10.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.19	276	64118	10.34	ng		99
87) Benzo(b)fluoranthene	14.65	252	73822m	9.07	ng		
88) Benzo(k)fluoranthene	14.67	252	72677m	11.22	ng		
89) Benzo(a)pyrene	14.95	252	68091	10.21	ng		98
90) Dibenzo(a,h)anthracene	16.21	278	52545	10.00	ng		99
91) Benzo(g,h,i)perylene	16.55	276	51666	9.76	ng		98

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

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