Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089929.D
Acq On : 31 Aug 2016 2:28
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
SOHIL
9/1/2016 11:51:18 AM

Quant Time: Aug 31 11:50:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 08:39:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190107	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	737755	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	419556	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	813346	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	684134	20.00	ng		-0.01
86) Perylene-d12	15.10	264	560536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	64464	2.71	ng		-0.01
7) Phenol-d6	6.26	99	84754	2.94	ng		-0.01
23) Nitrobenzene-d5	7.20	82	71178	2.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	22120	2.67	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	167637	3.28	ng		-0.01
78) Terphenyl-d14	12.71	244	170287	3.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	15385	2.73	ng	#	83
3) Pyridine	2.79	79	31677	2.11	ng	#	92
4) n-Nitrosodimethylamine	2.70	42	16736	2.26	ng	#	94
6) Aniline	6.28	93	55802	2.83	ng	#	73
8) 2-Chlorophenol	6.41	128	34945	2.71	ng		94
9) Benzaldehyde	6.17	77	24527	2.63	ng		93
10) Phenol	6.27	94	49737	2.96	ng	#	65
11) bis(2-Chloroethyl)ether	6.36	93	34747	2.74	ng		98
12) 1,3-Dichlorobenzene	6.57	146	39155	2.72	ng	#	94
13) 1,4-Dichlorobenzene	6.65	146	42465	2.88	ng		97
14) 1,2-Dichlorobenzene	6.80	146	37417	2.83	ng		96
15) Benzyl Alcohol	6.78	79	23820	2.63	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	62931	2.60	ng		99
17) 2-Methylphenol	6.90	107	24351	2.37	ng		93
18) Hexachloroethane	7.15	117	13187	2.61	ng	#	85
19) n-Nitroso-di-n-propylamine	7.05	70	27394	2.91	ng		95
20) 3+4-Methylphenols	7.05	107	35949	2.88	ng		93
22) Acetophenone	7.05	105	46206	2.79	ng	#	94
24) Nitrobenzene	7.21	77	35304	2.61	ng		96
25) Isophorone	7.46	82	70300	2.72	ng		96
26) 2-Nitrophenol	7.54	139	13521	2.09	ng	#	83
27) 2,4-Dimethylphenol	7.59	122	32388	2.71	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	42858	2.75	ng		98
29) 2,4-Dichlorophenol	7.78	162	28079	2.62	ng		93
30) 1,2,4-Trichlorobenzene	7.86	180	32638	2.78	ng		97
31) Naphthalene	7.94	128	114611	3.25	ng		98
33) 4-Chloroaniline	8.00	127	38497	2.60	ng	#	92
34) Hexachlorobutadiene	8.07	225	19989	2.91	ng		96
35) Caprolactam	8.31	113	7418	2.19	ng	#	75
36) 4-Chloro-3-methylphenol	8.47	107	27129	2.39	ng	#	76
37) 2-Methylnaphthalene	8.63	142	71404	2.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	37128	3.02	ng		97
42) 2,4,6-Trichlorophenol	8.91	196	18367	2.16	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	19490	2.38	ng	#	86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.10	154	101640	3.11	ng		96
46) 2-Chloronaphthalene	9.11	162	66215	2.77	ng		96
47) 2-Nitroaniline	9.21	65	16652	2.13	ng	#	79
48) Acenaphthylene	9.52	152	114584	2.90	ng		98
49) Dimethylphthalate	9.39	163	91617	3.02	ng		99
50) 2,6-Dinitrotoluene	9.45	165	16522	2.45	ng		94
51) Acenaphthene	9.69	154	68959	2.75	ng		98
52) 3-Nitroaniline	9.61	138	18229	2.37	ng		99
54) Dibenzofuran	9.86	168	100350	2.99	ng		99
56) 2,4-Dinitrotoluene	9.85	165	21472	2.51	ng	#	89
58) 2,3,4,6-Tetrachlorophenol	9.99	232	17493	2.49	ng	#	92
59) Diethylphthalate	10.09	149	81618	2.86	ng		99
61) 4-Nitroaniline	10.22	138	16546	2.19	ng		97
62) Azobenzene	10.36	77	82219	2.89	ng		88
65) n-Nitrosodiphenylamine	10.32	169	77576	3.17	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	22816	2.79	ng	#	83
67) Hexachlorobenzene	10.75	284	27252	2.91	ng	#	79
68) Atrazine	10.84	200	21232	2.60	ng		98
70) Phenanthrene	11.15	178	130089	3.37	ng		97
71) Anthracene	11.21	178	125427	3.05	ng		95
72) Carbazole	11.36	167	115493	3.00	ng		97
73) Di-n-butylphthalate	11.71	149	128382	2.86	ng		98
74) Fluoranthene	12.33	202	127982	3.02	ng		94
76) Benzidine	12.47	184	55021	2.12	ng		99
77) Pyrene	12.56	202	133425	2.77	ng		97
80) Benzo(a)anthracene	13.74	228	110622	2.64	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	31145	2.06	ng	#	92
82) Chrysene	13.77	228	115233	2.94	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	61624	2.29	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.31	276	62950	2.18	ng		97
87) Benzo(b)fluoranthene	14.73	252	93914m	2.67	ng		
88) Benzo(k)fluoranthene	14.75	252	80044m	2.69	ng		
89) Benzo(a)pyrene	15.04	252	77014	2.56	ng		99
90) Dibenzo(a,h)anthracene	16.33	278	51909	2.35	ng		97
91) Benzo(g,h,i)perylene	16.67	276	53318	2.40	ng		96

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

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