Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089931.D
Acq On : 31 Aug 2016 3:37
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
SOHIL
9/1/2016 11:51:34 AM

Quant Time: Aug 31 05:50:04 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 05:39:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	187997	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	728824	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	387441	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	762423	20.00	ng		0.00
75) Chrysene-d12	13.76	240	589496	20.00	ng		0.00
86) Perylene-d12	15.10	264	510636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	561934	23.87	ng		-0.01
7) Phenol-d6	6.27	99	742174	25.72	ng		0.00
23) Nitrobenzene-d5	7.20	82	662640	26.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	187737	25.51	ng		-0.01
44) 2-Fluorobiphenyl	9.00	172	1315634	27.98	ng		0.00
78) Terphenyl-d14	12.72	244	1189067	24.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	136672	24.79	ng		97
3) Pyridine	2.72	79	389578	26.59	ng		99
4) n-Nitrosodimethylamine	2.67	42	187912	25.62	ng		99
6) Aniline	6.30	93	511943	26.12	ng	#	65
8) 2-Chlorophenol	6.41	128	315520	24.49	ng		84
9) Benzaldehyde	6.17	77	227612	24.36	ng		89
10) Phenol	6.28	94	454506	27.09	ng		83
11) bis(2-Chloroethyl)ether	6.38	93	338040	26.81	ng		95
12) 1,3-Dichlorobenzene	6.57	146	346229m	23.93	ng		
13) 1,4-Dichlorobenzene	6.65	146	345151	23.45	ng		99
14) 1,2-Dichlorobenzene	6.81	146	345972	26.53	ng		96
15) Benzyl Alcohol	6.79	79	244852	26.69	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	605725	24.95	ng		99
17) 2-Methylphenol	6.90	107	250102	24.42	ng		98
18) Hexachloroethane	7.15	117	129522	25.73	ng		99
19) n-Nitroso-di-n-propylamine	7.06	70	228366	24.03	ng		93
20) 3+4-Methylphenols	7.06	107	332501	26.91	ng	#	75
22) Acetophenone	7.05	105	406956	25.27	ng	#	97
24) Nitrobenzene	7.22	77	366379	27.93	ng		95
25) Isophorone	7.46	82	628932	24.74	ng		95
26) 2-Nitrophenol	7.54	139	173843	27.54	ng		95
27) 2,4-Dimethylphenol	7.59	122	289506	24.19	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	414556	26.89	ng		99
29) 2,4-Dichlorophenol	7.78	162	283306	26.55	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	299978	26.03	ng		98
31) Naphthalene	7.94	128	898175	24.79	ng		100
32) Benzoic acid	7.70	122	179358	22.92	ng		99
33) 4-Chloroaniline	8.00	127	412911	28.41	ng		96
34) Hexachlorobutadiene	8.07	225	170165	25.20	ng		99
35) Caprolactam	8.35	113	78606	23.71	ng		90
36) 4-Chloro-3-methylphenol	8.48	107	279903	25.47	ng	#	82
37) 2-Methylnaphthalene	8.64	142	614578	25.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	288973	25.25	ng		99
40) Hexachlorocyclopentadiene	8.79	237	147080	25.08	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	210176m	26.77	ng		
43) 2,4,5-Trichlorophenol	8.95	196	210333m	27.11	ng		
45) 1,1'-Biphenyl	9.10	154	775130	24.32	ng		99
46) 2-Chloronaphthalene	9.12	162	610023	27.65	ng		97
47) 2-Nitroaniline	9.21	65	170669	23.92	ng		98
48) Acenaphthylene	9.53	152	1008443	27.78	ng		98
49) Dimethylphthalate	9.40	163	719745	26.70	ng		99
50) 2,6-Dinitrotoluene	9.46	165	174386	27.28	ng	#	85
51) Acenaphthene	9.70	154	635897	27.15	ng		99
52) 3-Nitroaniline	9.62	138	180275	26.67	ng		92
53) 2,4-Dinitrophenol	9.72	184	71669	27.66	ng	#	83
54) Dibenzofuran	9.87	168	865873	28.48	ng		96
55) 4-Nitrophenol	9.78	139	135325	24.96	ng	#	59
56) 2,4-Dinitrotoluene	9.85	165	199441	24.99	ng	#	72
57) Fluorene	10.20	166	614418	26.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	169113	26.06	ng		99
59) Diethylphthalate	10.10	149	688823	25.28	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	295437	26.66	ng		97
61) 4-Nitroaniline	10.23	138	176525	26.13	ng		88
62) Azobenzene	10.36	77	654178	24.83	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	121315	26.22	ng	#	63
65) n-Nitrosodiphenylamine	10.33	169	611776	26.24	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	201130	26.19	ng		95
67) Hexachlorobenzene	10.75	284	210920	23.61	ng		96
68) Atrazine	10.86	200	176590	23.91	ng		99
69) Pentachlorophenol	10.95	266	132011	28.57	ng		97
70) Phenanthrene	11.16	178	1006853	27.18	ng		98
71) Anthracene	11.21	178	945396	24.23	ng		99
72) Carbazole	11.37	167	1000904	28.06	ng		98
73) Di-n-butylphthalate	11.71	149	1009179	23.31	ng		99
74) Fluoranthene	12.34	202	1046153	26.61	ng		98
76) Benzidine	12.47	184	623086	28.62	ng		98
77) Pyrene	12.56	202	993827	24.20	ng		99
79) Butylbenzylphthalate	13.20	149	428588	26.39	ng		97
80) Benzo(a)anthracene	13.74	228	914545	25.78	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	335971	26.18	ng		98
82) Chrysene	13.78	228	915409	29.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	580952	25.19	ng		99
84) Di-n-octyl phthalate	14.38	149	980035	26.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.32	276	621769	25.74	ng		99
87) Benzo(b)fluoranthene	14.73	252	722967m	22.81	ng		
88) Benzo(k)fluoranthene	14.77	252	821830m	30.65	ng		
89) Benzo(a)pyrene	15.04	252	706961	26.18	ng	#	95
90) Dibenzo(a,h)anthracene	16.34	278	514873	25.05	ng		98
91) Benzo(g,h,i)perylene	16.69	276	501174	24.37	ng	#	95

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

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