Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089591.D
Acq On : 4 Aug 2016 16:19
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
8/5/2016 6:58:46 PM

Quant Time: Aug 05 01:09:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	42812	20.00	ng		-0.01
21) Naphthalene-d8	9.47	136	186016	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	89382	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	173180	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	116269	20.00	ng		0.00
86) Perylene-d12	20.05	264	85488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	39191	15.45	ng		0.02
7) Phenol-d6	6.97	99	64923	18.91	ng		-0.01
23) Nitrobenzene-d5	8.35	82	66213	19.67	ng		-0.01
41) 2,4,6-Tribromophenol	13.58	330	14566	20.35	ng		-0.01
44) 2-Fluorobiphenyl	11.24	172	141795	20.69	ng		-0.01
78) Terphenyl-d14	17.05	244	121054	21.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	18102	12.06	ng	#	72
3) Pyridine	2.36	79	20068	7.44	ng	#	83
4) n-Nitrosodimethylamine	2.33	42	5359	5.19	ng	#	85
6) Aniline	6.94	93	41998m	9.20	ng		
8) 2-Chlorophenol	7.12	128	30703	9.98	ng		96
9) Benzaldehyde	6.76	77	10461	8.63	ng		87
10) Phenol	7.00	94	38717	10.91	ng	#	66
11) bis(2-Chloroethyl)ether	7.08	93	29377	9.44	ng		98
12) 1,3-Dichlorobenzene	7.35	146	32911	9.75	ng		98
13) 1,4-Dichlorobenzene	7.47	146	32484	9.63	ng		98
14) 1,2-Dichlorobenzene	7.70	146	38056	10.91	ng		99
15) Benzyl Alcohol	7.74	79	16923	7.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.93	45	39015	10.15	ng	#	56
17) 2-Methylphenol	7.95	107	20996	9.31	ng		92
18) Hexachloroethane	8.22	117	14833	10.48	ng		91
19) n-Nitroso-di-n-propylamine	8.15	70	24906	10.29	ng		99
20) 3+4-Methylphenols	8.22	107	24353	8.26	ng	#	84
22) Acetophenone	8.12	105	35501	7.86	ng	#	94
24) Nitrobenzene	8.39	77	29252	8.62	ng		99
25) Isophorone	8.78	82	65433	10.24	ng		95
26) 2-Nitrophenol	8.90	139	11940	8.16	ng		97
27) 2,4-Dimethylphenol	9.03	122	26047	9.97	ng		97
28) bis(2-Chloroethoxy)methane	9.16	93	38694	10.11	ng		99
29) 2,4-Dichlorophenol	9.31	162	22664	9.18	ng		98
30) 1,2,4-Trichlorobenzene	9.40	180	28170	10.02	ng		99
31) Naphthalene	9.51	128	99158	10.06	ng		100
32) Benzoic acid	9.27	122	14771	8.57	ng		92
33) 4-Chloroaniline	9.66	127	37119	9.65	ng		96
34) Hexachlorobutadiene	9.72	225	16483	10.11	ng		99
35) Caprolactam	10.22	113	5727	7.91	ng		91
36) 4-Chloro-3-methylphenol	10.50	107	29836	10.35	ng		93
37) 2-Methylnaphthalene	10.63	142	59800	9.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	32920	9.77	ng		99
40) Hexachlorocyclopentadiene	10.89	237	3881	3.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	16078	9.74	ng		98
43) 2,4,5-Trichlorophenol	11.21	196	18670	10.70	ng		99
45) 1,1'-Biphenyl	11.39	154	83534	10.36	ng		99
46) 2-Chloronaphthalene	11.40	162	61424	10.20	ng		97
47) 2-Nitroaniline	11.63	65	17940	9.33	ng		91
48) Acenaphthylene	12.06	152	102021	10.26	ng		99
49) Dimethylphthalate	11.94	163	69518	10.10	ng		98
50) 2,6-Dinitrotoluene	12.03	165	13601	9.85	ng		95
51) Acenaphthene	12.34	154	58765	10.17	ng		99
52) 3-Nitroaniline	12.31	138	15233	9.34	ng	#	88
53) 2,4-Dinitrophenol	12.56	184	2838	5.82	ng		93
54) Dibenzofuran	12.64	168	80106	10.18	ng		98
55) 4-Nitrophenol	12.77	139	5849m	6.41	ng		
56) 2,4-Dinitrotoluene	12.70	165	18305	9.78	ng	#	97
57) Fluorene	13.19	166	69787	10.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	12765m	10.16	ng		
59) Diethylphthalate	13.09	149	75356	10.74	ng		97
60) 4-Chlorophenyl-phenylether	13.22	204	30983	10.25	ng		95
61) 4-Nitroaniline	13.34	138	12795	8.86	ng		98
62) Azobenzene	13.47	77	66492	9.29	ng		96
64) 4,6-Dinitro-2-methylphenol	13.36	198	6179	6.37	ng		89
65) n-Nitrosodiphenylamine	13.43	169	58640	9.96	ng		99
66) 4-Bromophenyl-phenylether	14.00	248	16347	9.66	ng	#	88
67) Hexachlorobenzene	14.07	284	18684	10.21	ng	#	83
68) Atrazine	14.33	200	18292	11.74	ng		97
69) Pentachlorophenol	14.43	266	4565	7.00	ng		91
70) Phenanthrene	14.72	178	92786	10.01	ng		99
71) Anthracene	14.81	178	101134	10.00	ng		99
72) Carbazole	15.11	167	84674	10.28	ng		99
73) Di-n-butylphthalate	15.69	149	117869	11.05	ng		100
74) Fluoranthene	16.49	202	98206	10.39	ng		97
76) Benzidine	16.74	184	38557	11.92	ng		99
77) Pyrene	16.79	202	106091	10.37	ng		98
79) Butylbenzylphthalate	17.71	149	42780	10.83	ng	#	82
80) Benzo(a)anthracene	18.38	228	67056	9.96	ng		98
81) 3,3'-Dichlorobenzidine	18.37	252	21160	9.98	ng		98
82) Chrysene	18.41	228	70564	10.08	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	60216	11.35	ng		98
84) Di-n-octyl phthalate	19.23	149	86422	10.64	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	50497	8.86	ng		99
87) Benzo(b)fluoranthene	19.63	252	52481	10.03	ng	#	95
88) Benzo(k)fluoranthene	19.67	252	54238m	10.43	ng		
89) Benzo(a)pyrene	19.99	252	49905	10.29	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	43866	9.73	ng		98
91) Benzo(g,h,i)perylene	21.57	276	45436	9.63	ng		94

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

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