Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091712.D
Acq On : 17 Dec 2016 13:52
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
umangi
12/20/2016 11:40:04 AM

Quant Time: Dec 17 22:30:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	298360	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1186465	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	676836	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1101964	20.00	ng		0.00
75) Chrysene-d12	13.93	240	1008524	20.00	ng		0.00
86) Perylene-d12	15.33	264	963157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	392090	21.98	ng		-0.01
7) Phenol-d6	6.41	99	512462	22.96	ng		-0.01
23) Nitrobenzene-d5	7.33	82	480196	22.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	130251	23.06	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	839564	21.85	ng		-0.01
78) Terphenyl-d14	12.88	244	984474	22.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	87337	9.31	ng		97
3) Pyridine	3.00	79	297821	11.59	ng		96
4) n-Nitrosodimethylamine	2.93	42	112674	10.38	ng		95
6) Aniline	6.42	93	307949	10.57	ng		91
8) 2-Chlorophenol	6.54	128	218625	10.93	ng		94
9) Benzaldehyde	6.30	77	166372	10.91	ng		92
10) Phenol	6.42	94	300310	11.30	ng		95
11) bis(2-Chloroethyl)ether	6.50	93	209265	10.82	ng		98
12) 1,3-Dichlorobenzene	6.70	146	239567	10.88	ng	#	92
13) 1,4-Dichlorobenzene	6.78	146	247050	11.39	ng		97
14) 1,2-Dichlorobenzene	6.93	146	214842	11.04	ng		96
15) Benzyl Alcohol	6.91	79	197677	11.22	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	340229	11.30	ng		98
17) 2-Methylphenol	7.04	107	175370	10.57	ng		93
18) Hexachloroethane	7.29	117	86784	10.31	ng	#	85
19) n-Nitroso-di-n-propylamine	7.18	70	165875	11.96	ng	#	91
20) 3+4-Methylphenols	7.18	107	232174	11.27	ng		94
22) Acetophenone	7.17	105	323293	11.27	ng		98
24) Nitrobenzene	7.34	77	232048	10.49	ng		97
25) Isophorone	7.60	82	430417	11.20	ng		97
26) 2-Nitrophenol	7.68	139	116549	11.61	ng	#	75
27) 2,4-Dimethylphenol	7.71	122	184017	10.41	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	265507	12.00	ng		99
29) 2,4-Dichlorophenol	7.92	162	183873	12.04	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	195197	11.20	ng		96
31) Naphthalene	8.08	128	677621	12.13	ng		98
32) Benzoic acid	7.80	122	117642	9.75	ng		98
33) 4-Chloroaniline	8.13	127	264729	10.98	ng	#	89
34) Hexachlorobutadiene	8.20	225	115323	11.70	ng		99
35) Caprolactam	8.46	113	55724	11.98	ng	#	50
36) 4-Chloro-3-methylphenol	8.61	107	214836	12.53	ng		96
37) 2-Methylnaphthalene	8.77	142	416759m	11.52	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	186951	10.00	ng		99
40) Hexachlorocyclopentadiene	8.92	237	67092	8.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	129347	10.83	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	127421	10.29	ng	#	81
45) 1,1'-Biphenyl	9.23	154	554435	11.07	ng		97
46) 2-Chloronaphthalene	9.25	162	408667	10.62	ng		96
47) 2-Nitroaniline	9.34	65	127179	10.08	ng		87
48) Acenaphthylene	9.66	152	629562	10.81	ng		98
49) Dimethylphthalate	9.53	163	450107	10.37	ng	#	98
50) 2,6-Dinitrotoluene	9.60	165	111076	11.60	ng		95
51) Acenaphthene	9.84	154	418351	10.36	ng		98
52) 3-Nitroaniline	9.76	138	120852	10.85	ng		97
53) 2,4-Dinitrophenol	9.87	184	37219	9.85	ng	#	88
54) Dibenzofuran	10.01	168	550981	11.00	ng		99
55) 4-Nitrophenol	9.93	139	93007	11.51	ng		88
56) 2,4-Dinitrotoluene	10.00	165	149356	12.58	ng	#	83
57) Fluorene	10.35	166	442451	11.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	115835	12.10	ng		97
59) Diethylphthalate	10.24	149	504333	12.16	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	212963	12.05	ng		88
61) 4-Nitroaniline	10.36	138	123086	11.02	ng		97
62) Azobenzene	10.51	77	525756	11.34	ng		88
64) 4,6-Dinitro-2-methylphenol	10.40	198	63395	10.76	ng	#	24
65) n-Nitrosodiphenylamine	10.46	169	395324	11.75	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	131360	11.55	ng	#	80
67) Hexachlorobenzene	10.90	284	135361	11.20	ng	#	84
68) Atrazine	10.99	200	122853	11.59	ng		96
69) Pentachlorophenol	11.09	266	65342	9.59	ng		98
70) Phenanthrene	11.31	178	686756	12.18	ng		98
71) Anthracene	11.37	178	700526	12.00	ng		96
72) Carbazole	11.52	167	619442	11.73	ng		98
73) Di-n-butylphthalate	11.86	149	844373	13.93	ng		97
74) Fluoranthene	12.50	202	749316	13.12	ng		93
76) Benzidine	12.62	184	352829	11.30	ng		97
77) Pyrene	12.73	202	769052	9.74	ng		98
79) Butylbenzylphthalate	13.36	149	346045	10.87	ng	#	79
80) Benzo(a)anthracene	13.92	228	617464	10.45	ng		98
81) 3,3'-Dichlorobenzidine	13.88	252	244355	11.25	ng	#	96
82) Chrysene	13.95	228	672139	10.86	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	460950	11.39	ng	#	98
84) Di-n-octyl phthalate	14.52	149	829727	11.82	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	605674	10.69	ng		99
87) Benzo(b)fluoranthene	14.92	252	726574m	12.31	ng		
88) Benzo(k)fluoranthene	14.96	252	486808m	9.81	ng		
89) Benzo(a)pyrene	15.27	252	579810	11.15	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	515843	11.04	ng		98
91) Benzo(g,h,i)perylene	17.07	276	520801	10.91	ng		96

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

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